MANITOBA

Universities Grants Commission

# The Annual Report of The Universities Grants Commission

for the year ending March 31, 1982

UGC UNIVERSITIES GRANTS COMMISSION

August 3, 1982

The Honourable Maureen Hemphill
Minister of Education
Room 168
Legislative Building
Winnipeg, Manitoba
R3C 0V8

Dear Mrs. Hemphill:

I have the honour to submit herewith the annual report of the Universities Grants Commission for year ended March 31, 1982. It is based on the inquiries, consultations and studies undertaken by the Commission during the year and sets forth the operations of the Commission for the fiscal year. An audited balance sheet and an audited statement of the Commission's operating revenues and expenditures are appended.

Respectfully submitted,

W. C. Lorimer
Chairman

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## CHAPTER I

### MEMBERS OF THE UNIVERSITIES GRANTS COMMISSION

| | | |
|---|---|---|
| Dr. Wesley C. Lorimer | - | Chairman |
| Mr. Gordon B. Wiswell | - | Vice-Chairman |
| Dr. Roland Couture | - | Winnipeg |
| Mr. Sherrold J. Haddad | - | Winnipeg (as at August 26, 1981) |
| Mr. William C. Kushneryk | - | Winnipeg |
| Dr. Geoffrey Lambert | - | Winnipeg |
| Mrs. Stella Locker | - | Thompson |
| Mr. John S. Pelton | - | Winnipeg |
| Mrs. Margaret Purdie | - | Brandon |

### STAFF OF THE UNIVERSITIES GRANTS COMMISSION

| | | |
|---|---|---|
| Executive Director | - | John B. MacMartin, B.Sc., M.B.A. |
| Commission Secretary | - | R. Waverley Simpson, F.C.I.S., P.Adm. |
| Financial Officer | - | Allan D. Goldstine, C.A. |
| Secretarial and Clerical | - | Carol Gamble |
| | - | Kathleen Froese |

## CHAPTER II

## ACTIVITIES OF THE COMMISSION

During the 1981-82 year, the Commission held nine regular meetings and four special meetings. The four special meetings were held at the Commission's premises for the purpose of reviewing the institutions' asking budgets. Most of the activities of the Commission will be detailed in succeeding chapters; however, the following items should be noted:

1. The Commission approved the implementation of an University Outcomes Assessment Study to be undertaken by the Research Branch of the Department of Labour and Manpower and established a committee on Universities Outcomes Assessment to assist with the development of the project and to provide an opportunity for institutional input. The Committee was composed of representatives from the University of Manitoba, University of Winnipeg, Brandon University, St. Boniface College, Department of Education, Department of Labour and Manpower and the Universities Grants Commission.

   The purpose of this Outcomes Assessment was to provide information regarding the post-university experiences of graduates for use in the areas of educational planning and management and for assisting potential students in their career and post-secondary decision-making. The survey population included the students who graduated in 1976 and 1979 from the University of Manitoba, the University of Winnipeg, Brandon University and St. Boniface College.

   An Executive Summary of the University Outcomes Survey was prepared and received by the Commission in February of 1982. The complete report is presently being reviewed and should be received by mid-summer, 1982.

2. The Commission funded an Engineering Study of Clark Hall and the Original Building at Brandon University to ascertain whether money should continue to be used to renovate the existing structures. The study dwelled on four possible options:

   Option No. 1 - minimal upgrading,

   Option No. 2 - partial structural replacement,

   Option No. 3 - new structure, and

   Option No. 4 - new building.

The Commission, after discussions with Brandon University, concluded that the best course of action would be to build a new building and included a portion of the costs in the 1982-83 estimates.

3. The Commission received a request from Brandon University to apply the money authorized for the addition to the Music Building to a new Music Building at a total cost of $6,000,000, $4.4 Million of which was to be raised by the University through its fund-raising campaign. The Cabinet and Commission gave their Approval in Principle for this project with the proviso that the final approval was contingent upon the university raising all the necessary funding in excess of the $1.6 M through its fund-raising campaign.

4. The Commission continued with the practice of meeting with the four institutions, which it re-established last year, to review with them their budget requests for the next fiscal year as well as to discuss general operations of the universities as they related to the mandate of the Commission. These meetings have proved most beneficial to both the Commission and the universities.

5. The Program Advisory Committee held an open meeting to hear the comments from all parties who were interested in the proposed new nursing programs at Brandon University and the University of Winnipeg to ensure that the Committee received as much information as possible from all interested parties before making a decision on its recommendation to the Commission.

6. The Commission reviewed its policy regarding proposals for new programs of study and established a new stream which lengthened the time frame of those programs requiring substantial start-up funding so that the Commission could include the additional costs in the estimates.

## CHAPTER III

## PROGRAMS

1. In Appendix "A" there is set forth a summary of the areas of studies at the universities and colleges in Manitoba. Information regarding activities carried on in the various disciplines is to be found in the annual reports issued by the institutions.

A responsibility of the Commission is to assist the universities in promoting their growth and development in a way which, as far as possible, avoids unnecessary duplication and is supportable within the limits of financial resources available.

Section 16 (1) of the Universities Grants Commission Act stipulates that:

> "Before a university or college
>
> (a) establishes, offers, provides, or creates, any new service, facility or program of studies; or
>
> (b) extends or expands any service, facility, or program of studies;
>
> involving monies at the disposal of the commission, it shall obtain the approval of the commission in writing to do so."

2. Program Advisory Committee

The institutions are required to submit a "Letter of Intent" for each new or revised program by;

September 1st of the academic year prior to intended implementation, if no additional funding is required from the Commission;

November 1st, two years preceding the year of intended implementation if additional funding is required from the Commission.

Each Letter of Intent is reviewed by the Commission and, if approved, the institution concerned is authorized to prepare a formal proposal. These proposals must be received by:

- December 1st if no additional Commission funding is required and if they are to be implemented the following September.

- February 1st, if additional Commission funding is required and if it is intended to implement the program in the regular session of the next calendar year.

These proposals are forwarded to the Program Advisory Committee which submits each institution's proposals to the other institutions for comment. When the Committee has received the comments from all the institutions, it then meets with the representatives of each institution individually so they may present any additional arguments for or against the proposal. The proposing institution is then given the opportunity to present any rebuttal to the Commitee. Upon completion of the hearing the Committee submits its recommendations to the Commission.

During the year under review, the Commission received the following Letters of Intent:

University of Manitoba

a) Honours Genetics Program

b) Minor in Administrative Studies

c) Ph.D. in Education

d) Ph.D. in Food and Nutritional Sciences

e) Industrial Engineering

f) Computer Engineering

University of Winnipeg

a) Department of Theatre and Drama

b) Major in Business Computing

c) B.Sc. (4 year) in Geography

d) B.A. (4 year)

e) M.A. in Communications Disorders

The Commission authorized the institutions concerned to proceed with the development of formal proposals. In the case of the University of Manitoba, proposals concerning Industrial Engineering and Computer Engineering and the University of Winnipeg's proposal for Master of Arts in Communications Disorders, the Commission noted that no guarantee of funds could be made at that time for programs to begin in September, 1982.

For 1981-82, the Program Advisory Committee consisted of the following Commission members:

Mr. G. B. Wiswell - Chairman

Dr. R. Couture

Mrs. S. Locker

3. Programs Approved

The Commission, on the recommendation of the Program Advisory Committee, approved the following programs prior to the fiscal year end. Unless otherwise noted, the programs were approved on the understanding that they could be implemented from existing resources.

University of Manitoba

(a) Bachelor of Recreation Studies

This program is to enhance the field of leisure services through the personal and professional development of students. The graduates will meet the demands for professionals to meet the needs caused by recent growth in leisure services and to provide further professional development for those in the field.

(b) Bachelor of Science in Dentistry

This program is to assist in overcoming the deficiency in dental research. It will provide a small number of dental students with the opportunity to undertake dental research during the undergraduate program in such a way that it would not interfere with their normal dental education (during the summer terms).

(c) Major/Minor in Labour Studies

This program is intended to meet the needs of regular students at the University of Manitoba interested in labour studies and the needs of members of the adult working population who are able to pursue university studies and wish to focus on labour studies.

(d) Major/Minor in Ukrainian Heritage Studies

The objectives of this program are to develop a general understanding of the Ukrainian Canadian Heritage and the relationship with the religious aspects of Eastern Christian heritage, the historical development of past and present roles of Ukrainian Canadians and the political and social aspects of the Ukrainian Canadian culture.

(e) Minor in Administrative Studies

The purpose of this minor is to provide an opportunity for those who want to gain exposure to Administrative Studies but do not wish to study the area in the depth required in the existing two or four year program.

(f) Ph.D. in Food and Nutritional Sciences

The proposed program is unique in that it will combine the resources for teaching and research in the food and nutritional sciences from four departments within two faculties: Food and Nutrition (Human Ecology), Food Science, Animal Science and Plant Science (Agriculture). The program will meet the recognized need in Manitoba and Canada for doctoral graduates with holistic perspective.

(g) Honours Genetics Program

This program will correct a major deficiency in Genetic offerings at the university - that is, the lack of an undergraduate Genetics program. The program will provide students with the opportunity to obtain training in an area of the biological sciences which it is expected may experience dramatic expansion in this decade.

(h) Industrial Engineering

This program will meet the needs to educate and train highly qualified Industrial Engineers to serve the need of the province. It will emphasize the particular requirements of small and intermediate sized industries as well as develop a centre of excellence in the area of Industrial Engineering.

The Commission gave qualified and conditional approval to this program pending the resolution of provisions for ongoing funding.

(i) Computer Engineering

This program is intended to meet a high current and future market demand for computer design and application engineers who have specialized in computer hardware and have a good background in software. The program is in response to a strong interest shown by the government, industries, faculty and students in Manitoba.

The Commission gave qualified and conditional approval to this program pending the resolution of provisions for ongoing funding.

University of Winnipeg

(a) Major in Business Computing

This program will provide students with the background required to function as a programmer/analyst in the business environment; the mathematical, statistical and computing skills

required in data analysis; and the educational foundation to become a project leader. Additional courses to be included in the major will be available to students in other disciplines as well as to serve continuing education programs.

(b) Four Year Bachelor of Arts Program

This program is designed to provide an improved general education along with a stronger degree of specialization than is presently available with the existing three year Bachelor of Arts Program. The four year program will enable the graduate to function better as a professional in his/her chosen field but does not provide the high degree of specialization available in the Honours Program.

(c) Four Year Bachelor of Science in Geography

This is a specific four yea program in Geography which is based upon the same rationale as the aforementioned Four Year Bachelor of Arts Program.

St. Boniface College

(a) Majors in Economics and Political Studies

The purpose of these programs is to facilitate studies in Economics and Political Studies for those students who wish to pursue studies in these important fields in French. The programs are the same as those of the University of Manitoba to which the College is affiliated.

Joint Master of Arts in Museology

The Universities of Manitoba and Winnipeg submitted a proposal for this joint graduate program to meet the increasing need for trained museum specialists to work in the growing number of cultural institutions being established. As well, the program will meet the needs of increasing numbers of presently employed museum workers requiring more sophisticated training to deal with the varieties of material they are encountering.

4. Program Proposals under Review

Brandon University and the University of Winnipeg have submitted program proposals leading to the Baccalaureate in Nursing. The University of Winnipeg's proposal is primarily for Registered Nurses whereas Brandon University's proposal is for a four year generic program as well as for

Registered Nurses and Registered Psychiatric Nurses.

The Commission has requested the Universities of Brandon and Winnipeg, along with the University of Manitoba which has a baccalaureate program in Nursing, to develop a co-operative program.

5. New Departments Approved

University of Manitoba

(a) Department of Marketing - Faculty of Administrative Studies

This department was formed to give the discipline of Marketing an appropriate administrative structure in support of its programs.

University of Winnipeg

(a) Department of Theatre and Drama

The program in Theatre and Drama has grown to the point where its complexity and scope required the formation of a separate department.

6. Appeals Denied

University of Winnipeg

(a) Major in Recreation and Athletic Studies

Last year the Commission declined to approve a proposal by the University of Winnipeg for this major. The University appealed the decision which was denied by the Commission.

7. Inter-Universities North

Inter-Universities North (I.U.N.) is a co-operative program of the Universities of Brandon, Manitoba and Winnipeg funded separately by the Commission. The purpose of I.U.N. is to provide university credit courses north of the 53rd parallel of latitude. The Commission approved a grant of $307,000 for this program in 1981-82 and increased its support in 1982-83 by $52,781 (17.2%) or $359,781 in total.

In 1981-82, I.U.N. offered 30 different courses (21½ full courses equivalents) at 10 locations in Northern Manitoba to 361 students taking one or more courses for a total registration in courses of 509.

## CHAPTER IV

## ENROLMENT

### 1. Full-Time Enrolment

#### (a) General

Full-time enrolment at universities and colleges in Manitoba which had, as in most provinces in Canada, displayed a static tendency with only marginal growth or decline through the first half of the seventies began a steady decline in the last half of the decade. It had been projected that this decline could continue through the eighties and possibly into the nineties. However, Universities in Manitoba experienced an unforseen increase in enrolment over the past two years which has clouded the forecasts to some extent. It is still expected that enrolment will decline through the decade based upon the steady decline in high school enrolment figures. This decline may be offset to some extent by an increase in the participation rate and the mature student enrolment if the unemployment picture does not improve.

On December 1, 1981, the Manitoba universities' full-time enrolment stood at 16,964, an increase of 7.6% over December 1st, 1980.

| | Full-Time Enrolment | Increase (Decrease) Over Previous Year |
|---|---|---|
| 1967-68 | 13,353 | - |
| 1970-71 | 16,765 | - |
| 1975-76 | 18,080 | - |
| 1977-78 | 17,194 | - |
| 1978-79 | 16,273 | (5.4%) |
| 1979-80 | 15,582 | (4.2%) |
| 1980-81 | 15,760 | 1.1% |
| 1981-82 | 16,964 | 7.6% |

During the 1960's, increases in university population were practically in line with population trends and growing participation ratios as predicted by post-secondary forecasters. The reductions in enrolments, which began in 1970-71, forced the universities and the Commission to seek alternative enrolment forecasting approaches. Since 1975-76, full-time enrolment in Manitoba has fallen by 6.2%.

#### (b) Full-Time Undergraduate Enrolments by Faculty

Table I in Appendix "C" shows several recent years' enrolments for the Manitoba universities

and St. Boniface College. The following table lists the largest full-time undergraduate enrolments by faculty for the last two years.

| Faculty | 1980 Undergraduate Enrolment | Percent of Total Undergraduate Enrolment | 1981 Undergraduate Enrolment | Percent of Total Undergraduate Enrolment |
|---|---|---|---|---|
| Arts | 3,863 | 27.2 | 4,327 | 28.3 |
| Science | 2,634 | 18.6 | 3,052 | 20.0 |
| Education | 1,611 | 11.4 | 1,674 | 11.0 |
| Administrative Studies | 1,319 | 9.3 | 1,345 | 8.8 |
| Engineering | 1,127 | 7.9 | 1,173 | 7.7 |

(c) Graduate Enrolment

Graduate full-time enrolment grew rapidly during the sixties from 249 students in 1960-61 to 1,304 students in 1969-70. During the past several years graduate full-time enrolment has remained relatively stable around the 1,550 figure; however, although the percentage of total full-time students the graduate students represented remained at ten percent, the total number of graduate full-time students increased to 1,695 reflecting the increase in the overall full-time enrolment which was experienced in 1981-82.

| Year | Total Full-Time Enrolment | Graduate Full-Time Enrolment | Graduate Full-Time Enrolment as a % of Total Full-Time Enrolment |
|---|---|---|---|
| 1967-68 | 13,353 | 806 | 6.0% |
| 1970-71 | 16,765 | 1,303 | 7.7% |
| 1975-76 | 18,080 | 1,490 | 8.2% |
| 1976-77 | 17,426 | 1,555 | 8.9% |
| 1977-78 | 17,194 | 1,547 | 9.0% |
| 1978-79 | 16,273 | 1,555 | 9.6% |
| 1979-80 | 15,582 | 1,573 | 10.2% |
| 1980-81 | 15,760 | 1,569 | 10.0% |
| 1981-82 | 16,964 | 1,695 | 10.0% |

Appendix "C", Table II details the full-time graduate enrolments by faculty and degree level sought for the last five years.

The growth of post-graduate enrolment is influenced by the availability of research grants and prospects for employment. As the economy generates greater job opportunities for post-graduate students, graduate enrolment in Manitoba will likely increase .

2. Part-Time Enrolments

(a) General

Students taking less than 80% of a prescribed course-load are defined as part-time students. Courses are available in the day and evening during the regular winter session (September -

April) and the spring session (May - July). Generally day courses only are offered in summer session (July - August).

As the University of Manitoba no longer distinguishes between day and evening students, these categories are combined in the following table for the other institutions.

| Year | Total Regular Session Part-Time classes | Summer Session | Total | Percent Increase (Decrease) |
|---|---|---|---|---|
| 1967-68 | 4,056 | 4,660 | 8,716 | - |
| 1970-71 | 8,387 | 9,008 | 17,395 | - |
| 1975-76 | 10,439 | 7,528 | 17,967 | - |
| 1977-78 | 11,803 | 10,139 | 21,942 | - |
| 1978-79 | 10,846 | 9,700 | 20,546 | ( 6.4%) |
| 1979-80 | 10,731 | 9,761 | 20,492 | ( 0.3%) |
| 1980-81 | 11,242 | 9,106 | 20,348 | ( 0.7%) |
| 1981-82 | 12,442 | 9,740 | 22,182 | 9.0% |

A rapid increase in part-time enrolments occurred from 1967-68 to 1970-71. Enrolments since have fluctuated with this year's being the highest recorded.

Table III of Appendix "C" provides a summary of the part-time regular session enrolments by faculty for the last five years. The faculties of Arts (6,206 or 49.9%), Education (1,374 or 11.0%) and Science (1,228 or 9.9%) dominate the part-time enrolment figures in 1981-82.

(b) Full-Time Equivalents

In 1971-72, when the enrolment driven funding formula was still in use, the Universities Grants Commission modified the formula to include not only full-time students but also part-time students. This modification was developed to harmonize with the funding philosophy to the effect that "a student is a student irrespective of the time of day in attendance or the number of courses undertaken". The Commission adopted the convention that a part-time student represented .35 of a full-time student and added these "Full-Time Equivalent Students" to the full-time enrolment arriving at a "Full-Time Equivalent Enrolment" figure. The full-time equivalent enrolment figures are now used by the Universities Grants Commission strictly as a statistical tool.

The figure for 1981-82 is the highest recorded;

| Year | Full-Time Enrolment | Part-Time Enrolment (x .35) | Full-Time Equivalent Enrolment | Percent Increase (Decrease) |
|---|---|---|---|---|
| 1967-68 | 13,353 | 3,051 | 16,404 | - |
| 1970-71 | 16,765 | 6,088 | 22,853 | - |
| 1975-76 | 18,080 | 6,288 | 24,368 | - |
| 1977-78 | 17,194 | 7,680 | 24,874 | - |
| 1978-79 | 16,273 | 7,191 | 23,464 | (5.7%) |
| 1979-80 | 15,582 | 7,172 | 22,754 | (3.0%) |
| 1980-81 | 15,760 | 7,122 | 22,882 | 0.6% |
| 1981-82 | 16,964 | 7,764 | 24,728 | 8.1% |

Statistics Canada has developed a similar system for converting part-time students into full-time equivalents by dividing the part-time student by 3.5. This formula has been gaining acceptance throughout the country and the Universities Grants Commission is presently converting to the Statistics Canada system which will make our enrolment figures comparable with all sections of the country.

The following table contains the same information as the previous table but compiles the Full-Time Equivalent Enrolment using the Statistics Canada formula.

| Year | Full-Time Enrolment | Part-Time Enrolment (+ 3.5) | Full-Time Equivalent Enrolment | Percent Increase (Decrease) |
|---|---|---|---|---|
| 1967-68 | 13,353 | 2,490 | 15,843 | - |
| 1970-71 | 16,765 | 4,970 | 21,735 | - |
| 1975-76 | 18,080 | 5,133 | 23,213 | - |
| 1977-78 | 17,194 | 6,269 | 23,463 | - |
| 1978-79 | 16,273 | 5,870 | 22,143 | (5.6%) |
| 1979-80 | 15,582 | 5,854 | 21,436 | (3.2%) |
| 1980-81 | 15,760 | 5,814 | 21,574 | .6% |
| 1981-82 | 16,964 | 6,338 | 23,302 | 8.0% |

The universities have moved towards the consolidation of courses previously offered in both their day and evening programs. Discussion continues regarding the possibilities of offering courses in the professional faculties to part-time students.

3. Special Project Students

Since the early seventies a number of special projects, mainly teacher education programs for native people, were undertaken and funded directly by the Federal and/or Provincial governments. These projects were originally located at Brandon University although some of the projects have been wound down in the last few years and one, the Winnipeg Centre Project, transferred to the

University of Manitoba. The major projects undertaken included BUNTEP (Brandon University Northern Teacher Education Project), IMPACTE (Indian and Metis Project for Careers Through Teacher Education) and PENT (Project for the Education of Native Teachers - a federal project).

The number of students enrolled in these programs have always been counted in the student count for the universities. We concluded this year for some of our enrolment statistics a fairer comparison was made if these student number were not included in the totals. However, to make these changes in all the statistical tables in the annual report would have been an onerous task; therefore, we are including the following table of special project students for the same period.

Summary of Special Project Student Enrolment

| Year | Full-Time | Part-Time | | F.T.E. |
|---|---|---|---|---|
| | | Regular Session | Summer Session | |
| 1975-76 | 132 | 149 | 379 | 317 |
| 1976-77 | 101 | 175 | 460 | 323 |
| 1977-78 | 148 | 162 | 640 | 429 |
| 1978-79 | 37 | 88 | 387 | 203 |
| 1979-80 | 47 | 52 | 425 | 214 |
| 1980-81 | 38 | 155 | 425 | 241 |
| 1981-82 | 18 | 192 | 411 | 229 |

4. Geographic Origins of Students

(a) General

There exists no agreement on the definition of the "geographic origin" of a student either among the provinces or even among the institutions. Various groups take the province or country of matriculation as the determining factor of "origin" while others refer to the province or country of birth or the province or country of domicile in that particular year as the origin of the student. This lack of agreement complicates any attempt to study student mobility from province to province or student mobility from foreign countries into Canada. Nonetheless, attempts are made to report on the origins of students and the following table summarizes the information collected.

The following summary shows that the proportion of the full-time enrolment composed of students from outside the province of Manitoba, which had grown steadily up to 1977-78, has declined each year since.

Summary of Non-Manitoba Full-Time Student Enrolments

| Year | Full-Time Enrolment | Canada | Elsewhere | Total | Percentage Non-Manitoba Students |
|---|---|---|---|---|---|
| 1970-71 | 16,765 | 1,449 | 1,422 | 2,871 | 17.1% |
| 1975-76 | 18,080 | 1,390 | 2,042 | 3,432 | 19.0% |
| 1977-78 | 17,194 | 1,320 | 2,149 | 3,469 | 20.2% |
| 1978-79 | 16,273 | 1,234 | 1,947 | 3,181 | 19.5% |
| 1979-80 | 15,582 | 1,209 | 1,713 | 2,922 | 18.8% |
| 1980-81 | 15,760 | 1,236 | 1,612 | 2,848 | 18.1% |
| 1981-82 | 16,964 | 1,273 | 1,747 | 3,020 | 17.8% |

(b) Non-Manitoba Canadian Enrolments

The following summary indicates the distribution of students from other provinces enrolled in Manitoba institutions.

Full-Time Enrolment from Other Provinces Studying in Manitoba Universities

| Province | 1977-78 | 1978-79 | 1979-80 | 1980-81 | 1981-82 |
|---|---|---|---|---|---|
| British Columbia | 122 | 112 | 137 | 152 | 159 |
| Alberta | 180 | 176 | 154 | 192 | 199 |
| Saskatchewan | 198 | 210 | 205 | 205 | 225 |
| Ontario | 665 | 582 | 567 | 550 | 566 |
| Quebec | 64 | 67 | 71 | 53 | 57 |
| New Brunswick | 25 | 16 | 19 | 21 | 18 |
| P.E.I. | 9 | 6 | 6 | 5 | 3 |
| Nova Scotia | 34 | 41 | 29 | 30 | 22 |
| Newfoundland | 7 | 5 | 1 | 4 | 6 |
| N.W.T. and Yukon | 11 | 11 | 10 | 11 | 10 |
| Unknown | 5 | 8 | 10 | 13 | 8 |
| | 1,320 | 1,234 | 1,209 | 1,236 | 1,273 |

For 1981-82, the faculties of Graduate Studies (269 or 20.4%), Architecture (including Environmental Studies and Interior Design) (194 or 14.7%), Arts (158 or 12.0%) and Science (130 or 9.9%) were the most popular for non-Manitoba Canadian students. This excludes the University of Winnipeg and St. Boniface College figures. Table V, in Appendix "C" provides the details.

Information received in the past indicates that fewer Manitobans leave the province for full-time university studies than the number of non-Manitobans who come to this province for their studies.

(c) International Enrolments

All students who are in Canada on a visa or who are classified as being a landed immigrant are considered as international students in this report.

The numbers of international students in Manitoba universities have risen from 738 in 1965-66 to a high of 2,149 in 1977-78. The table below shows the numbers and origins of these students for the last four years.

| | 1978-79 | % of Total | 1979-80 | % of Total | 1980-81 | % of Total | 1981-82 | % of Total |
|---|---|---|---|---|---|---|---|---|
| United States | 170 | 8.8 | 140 | 8.2 | 135 | 8.4 | 134 | 7.7 |
| Caribbean, Central & South America | 195 | 10.1 | 170 | 9.9 | 127 | 7.9 | 124 | 7.1 |
| United Kingdom & Eire | 131 | 7.0 | 129 | 7.5 | 122 | 7.6 | 111 | 6.3 |
| Other Europe | 116 | 6.0 | 130 | 7.6 | 145 | 9.0 | 163 | 9.3 |
| Africa | 182 | 9.4 | 143 | 8.3 | 125 | 7.8 | 144 | 8.2 |
| Hong Kong | 630 | 32.2 | 502 | 29.3 | 481 | 29.8 | 559 | 32.0 |
| Other Asia | 452 | 22.8 | 425 | 24.8 | 411 | 25.5 | 446 | 25.5 |
| Middle East | 35 | 1.8 | 52 | 3.0 | 52 | 3.2 | 41 | 2.3 |
| Oceania | 17 | 0.9 | 13 | 0.8 | 14 | 0.9 | 26 | 1.5 |
| Unknown | 19 | 1.0 | 9 | 0.5 | - | - | 1 | - |
| Total | 1,947 | | 1,713 | | 1,612 | | 1,749 | |

Table VII in Appendix "C" shows that in 1980-81 the faculties of Graduate Studies (416 or 23.8%), Engineering (133 or 11.1%), Science (466 or 20.8%), Arts (197 or 10.6%), and Administrative Studies (84 or 6.1%) had the highest enrolments of international students (excluding the University of Winnipeg and St. Boniface College figures).

The following table shows that 23.8% of the international students are enrolled in Graduate Studies, whereas only 10% of all full-time students are enrolled in this faculty.

Summary of Full-Time International Students

| Year | Graduates | Undergraduates | Total | % Graduate Students |
|---|---|---|---|---|
| 1967-68 | 308 | 663 | 971 | 31.7% |
| 1970-71 | 442 | 980 | 1,422 | 31.1% |
| 1975-76 | 443 | 1,599 | 2,042 | 21.7% |
| 1977-78 | 445 | 1,704 | 2,149 | 20.7% |
| 1978-79 | 419 | 1,528 | 1,947 | 21.3% |
| 1979-80 | 404 | 1,309 | 1,713 | 23.6% |
| 1980-81 | 396 | 1,216 | 1,612 | 24.6% |
| 1981-82 | 416 | 1,329 | 1,745 | 23.8% |

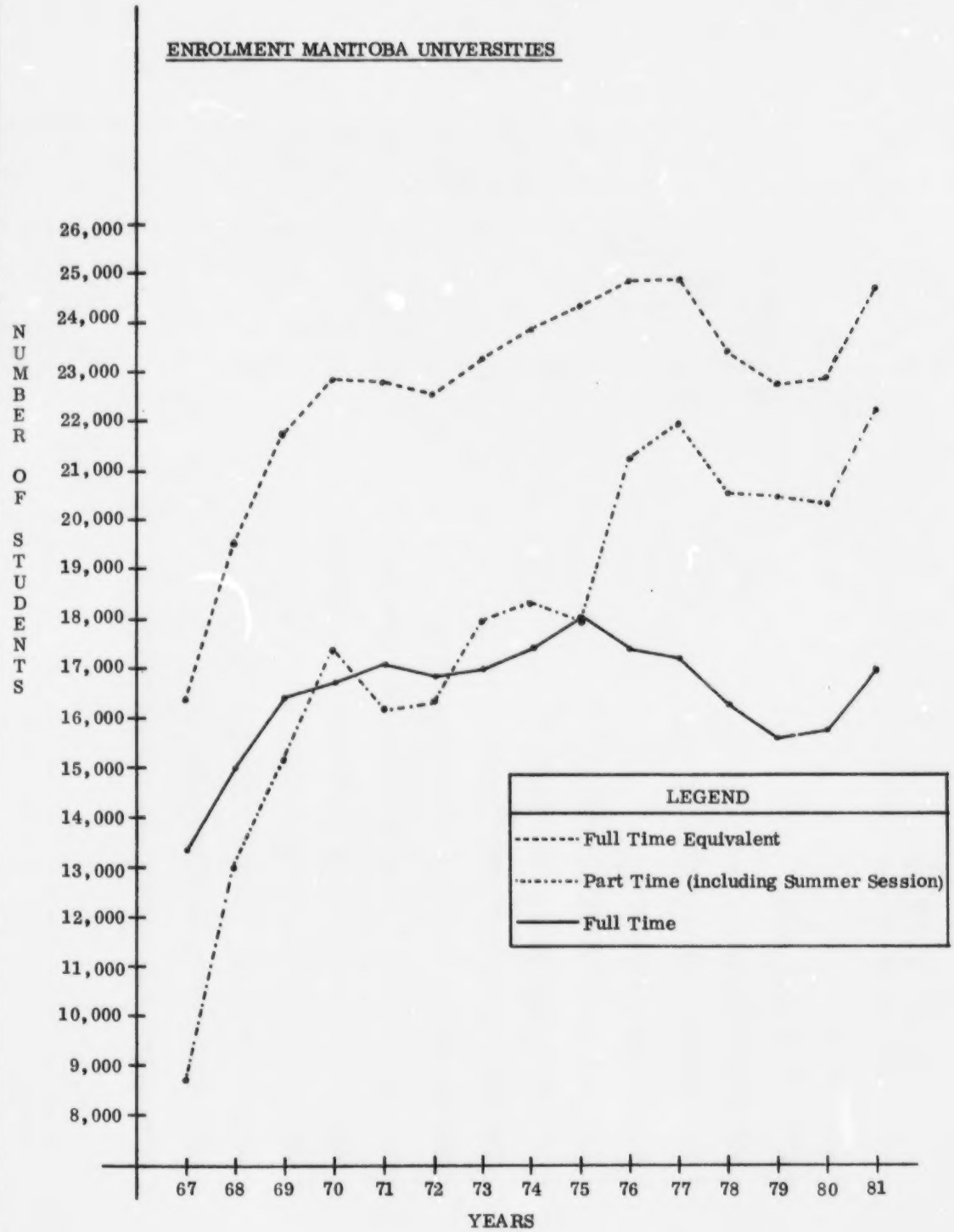
The percentages of international students who are in graduate work is in common with the situation in the other provinces.

The Commission has only kept records for the two groups of international students, student visa and landed immigrant, separately since 1974. The interest in the number of international students who were on a student visa has grown in Canada in the last few years with a number of jurisdictions (e.g. Alberta, Ontario, Quebec, and the Maritimes) having put in place some form of differential fee structure. Table VIII in Appendix "C" provides the breakdown of full-time Visa student enrolment by faculty.

The following table shows the disaggregation of full-time international students in Manitoba by Student Visa and Landed Immigrant status.

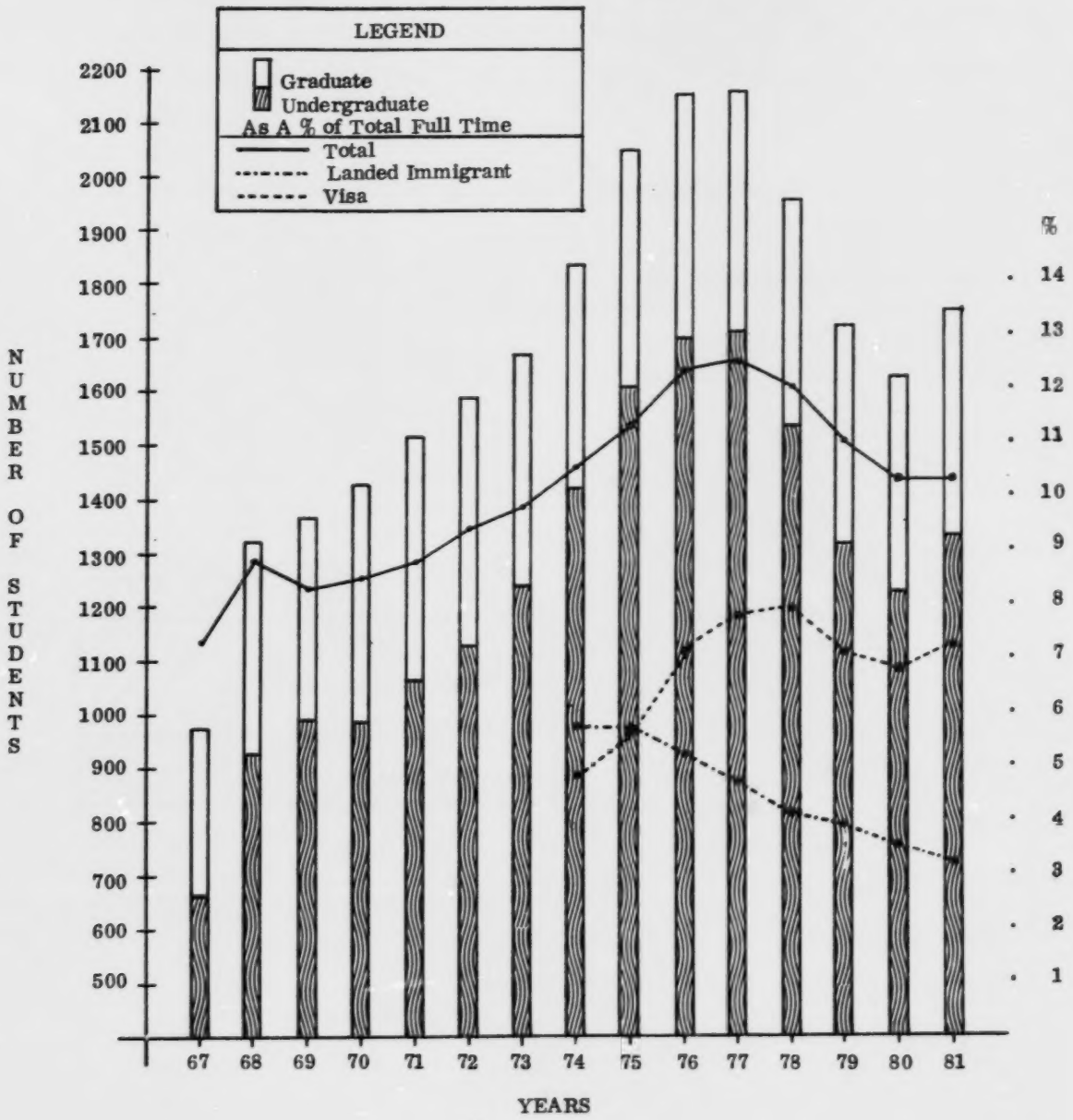
| | STUDENT VISA | | | LANDED IMMIGRANT | | |
|---|---|---|---|---|---|---|
| Year | Graduate | Total | % of Full-Time Enrolment | Graduate | Total | % of Full-Time Enrolment |
| 1974-75 | 152 | 833 | 4.8% | 260 | 992 | 5.7% |
| 1975-76 | 200 | 1,010 | 5.6% | 243 | 1,032 | 5.7% |
| 1976-77 | 238 | 1,243 | 7.1% | 211 | 898 | 5.2% |
| 1977-78 | 276 | 1,342 | 7.8% | 169 | 807 | 4.7% |
| 1978-79 | 286 | 1,284 | 7.9% | 133 | 663 | 4.1% |
| 1979-80 | 278 | 1,109 | 7.1% | 126 | 604 | 3.9% |
| 1980-81 | 294 | 1,066 | 6.8% | 102 | 546 | 3.5% |
| 1981-82 | 328 | 1,225 | 7.2% | 88 | 520 | 3.1% |

## ENROLMENT MANITOBA UNIVERSITIES



## FULL TIME INTERNATIONAL STUDENT ENROLMENT

## MANITOBA UNIVERSITIES



## CHAPTER V

## GRADUATES

"Input" in the form of students entering the universities should in due course result in "output" in the form of students graduating from those institutions.

The number of candidates qualifying for degrees, diplomas and certificates at the universities in Manitoba is listed in the following table:

| Year | Number of Candidates Graduating | Increase (Decrease) Over Previous Year |
|---|---|---|
| 1967-68 | 3,956 | - |
| 1970-71 | 5,081 | - |
| 1975-76 | 5,208 | - |
| 1976-77 | 5,503 | 5.7% |
| 1977-78 | 5,484 | (0.3%) |
| 1978-79 | 5,433 | (0.9%) |
| 1979-80 | 5,297 | (2.5%) |
| 1980-81 | 5,058 | (4.5%) |
| 1981-82 | 4,664 | (7.8%) |

In 1981-82, the faculties of Arts (1,290 or 27.7%), Education (898 or 19.3%) and Science (519 or 11.1%) at the institutions provided the largest number of graduates.

In 1981-82, 82% of the graduates received their bachelor's or first professional degree, 10% received a master's degree, 1% received a doctorate and 7% received a diploma or certificate. Appendix "D" provides further information on the degrees awarded at the Manitoba universities.

## CHAPTER VI

## INSTITUTIONAL STAFF

### 1. Academic Staff

#### (a) Full-Time

For 1981-82, the universities and St. Boniface College were asked to report the numbers of full-time staff paid from their operating funds. The table below summarizes the reports received. The University of Manitoba's count includes split appointments, i.e. full-time staff paid from both operating and non-operating (e.g. research) funds.

| | Deans/Full Professors | Associates | Assistants | Lecturers | Others | Total |
|---|---|---|---|---|---|---|
| University of Manitoba | 463 | 466 | 293 | 43 | 18 | 1,283 |
| University of Winnipeg | 37 | 79 | 51 | 17 | 17 | 201 |
| Brandon University | 17 | 51 | 46 | 9 | 1 | 124 |
| St. Boniface College | 1 | 9 | 9 | 4 | 0 | 23 |
| Total (i) | 518 | 605 | 399 | 73 | 36 | 1,631 |

#### (b) Part-Time

Likewise, the institutions reported on the part-time staff paid from operating funds for 1981-82.

| | Deans/Full Professors | Associates | Assistants | Lecturers | Others | Total |
|---|---|---|---|---|---|---|
| University of Manitoba | 10 | 27 | 64 | 247 | - | 348 |
| University of Winnipeg | - | 1 | 3 | 8 | 6 | 18 |
| Brandon University | - | - | - | 1 | 2 | 3 |
| St. Boniface College | - | 2 | 3 | 9 | - | 14 |
| Total (ii) | 10 | 30 | 70 | 265 | 8 | 383 |

### 2. Support Staff

For 1981-82, the institutions were asked to report the numbers of full-time and part-time support staff paid from their operating funds. The following table summarizes the institutions' responses:

| | Full-Time | Part-Time |
|---|---|---|
| University of Manitoba | 1,626 | 45 |
| University of Winnipeg | 180 | 9 |
| Brandon University | 161 | 17 |
| St. Boniface College | 44 | 18 |
| Total (iii) | 2,011 | 89 |

Notes

(i) An additional 91 full-time academic staff were paid from non-operating funds.
(ii) An additional 28 part-time academic staff were paid from non-operating funds.
(iii) An additional 306 support staff were paid from non-operating funds.

## CHAPTER VII

## FINANCE

Provincial Government grants to universities and colleges in Manitoba for operating expenditures for fiscal years 1970-71 and 1975-76 to 1981-82 were as follows:

| | |
|---|---|
| 1970-71 | $ 36,840,000 |
| 1975-76 | 68,243,900 |
| 1976-77 | 77,830,200 |
| 1977-78 | 86,823,400 |
| 1978-79 | 88,763,800 |
| 1979-80 | 93,950,400 |
| 1980-81 | 101,138,800 |
| 1981-82 | 115,127,200 |

Provincial Government grants to universities and colleges in Manitoba for capital expenditures for fiscal years 1970-71 and 1975-76 to 1981-82 were as follows:

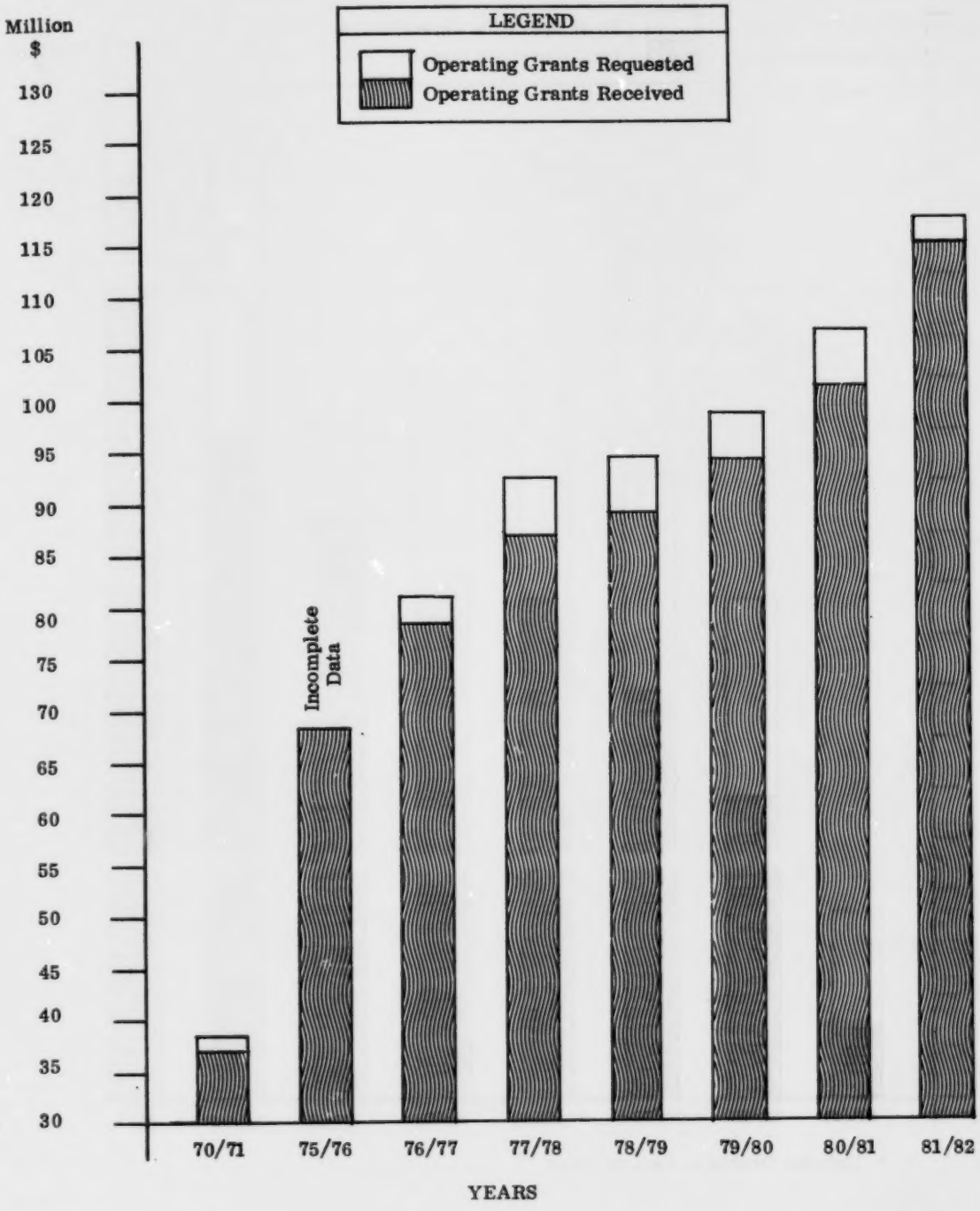
| | |
|---|---|
| 1970-71 | $12,550,000 |
| 1975-76 | 3,950,000 |
| 1976-77 | 4,036,300 |
| 1977-78 | 4,321,497 |
| 1978-79 | 2,000,000 |
| 1979-80 | 5,765,000 |
| 1980-81 | 1,486,000 |
| 1981-82 | 5,237,000 |

Provincial Government assistance from 1973-74 through 1981-82 includes the following amounts related to grants in lieu of taxes for universities' property. In 1978-79 and years following, these payments were made directly by the Department of Municipal and Urban Affairs and are not reflected in the Commission's accounts.

| | |
|---|---|
| 1973-74 | $4,123,147 |
| 1974-75 | 4,996,328 |
| 1975-76 | 5,696,274 |
| 1976-77 | 6,499,063 |
| 1977-78 | 6,507,436 |
| 1978-79 | 6,925,341 |
| 1979-80 | 7,241,329 |
| 1980-81 | 7,847,714 |
| 1981-82 | 8,175,634 |

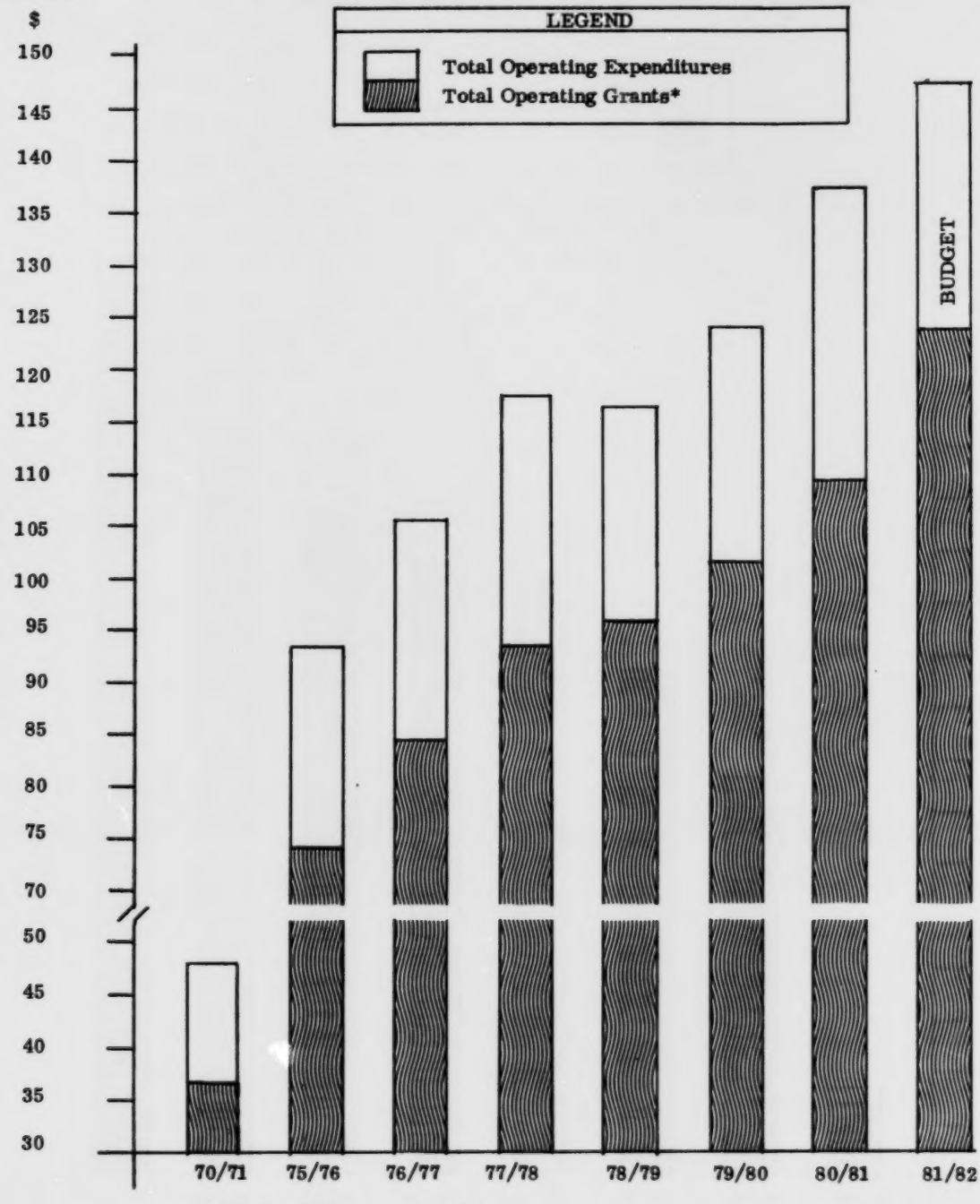
## OPERATING

**Universities and Colleges Operating Grants Requested Compared to the Total Operating Grants from the Province**



## OPERATING

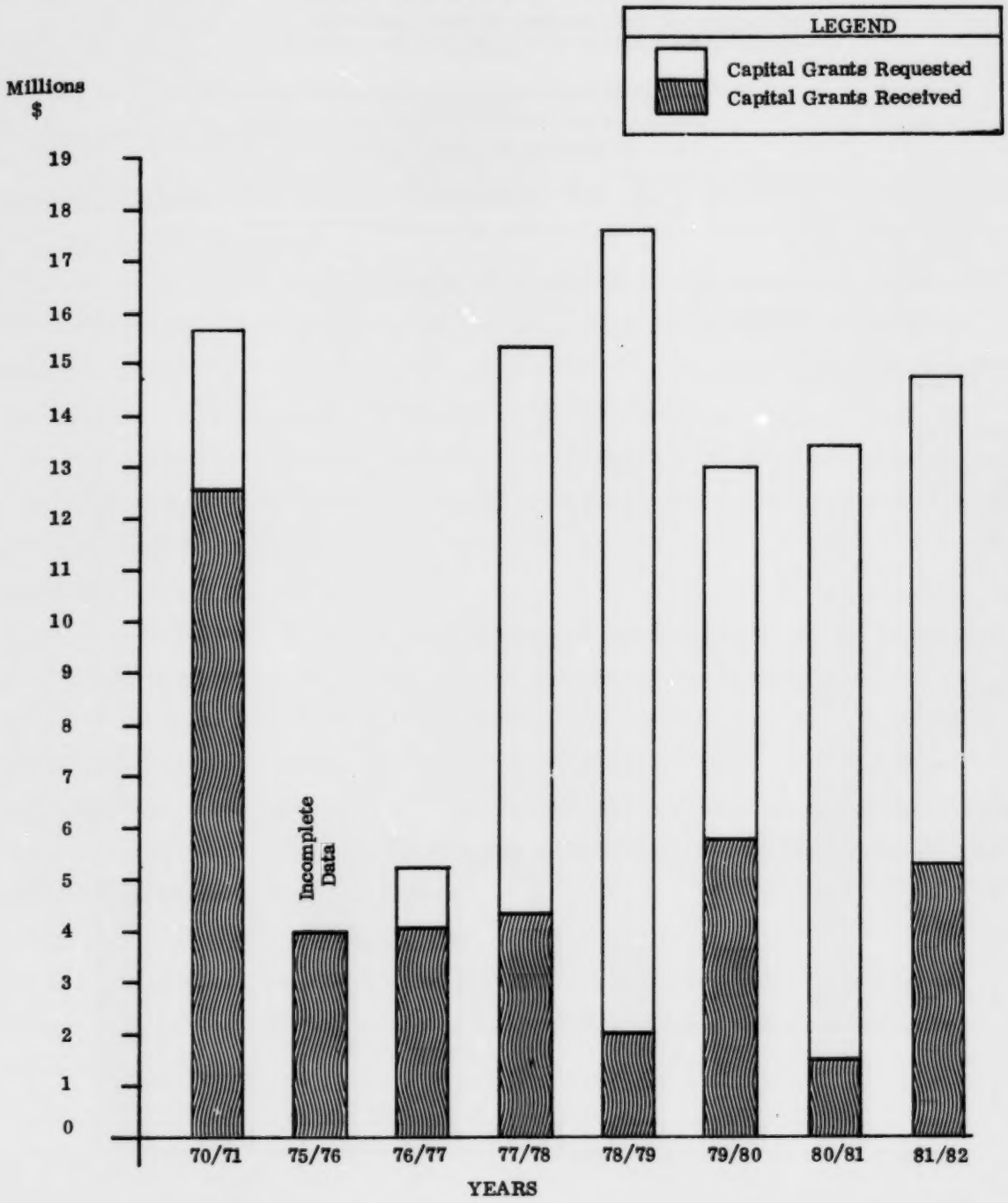
**Universities and Colleges Total Operating Expenditures Compared to the Total Operating Grants From the Province**




* Includes Grants in Lieu of Taxes

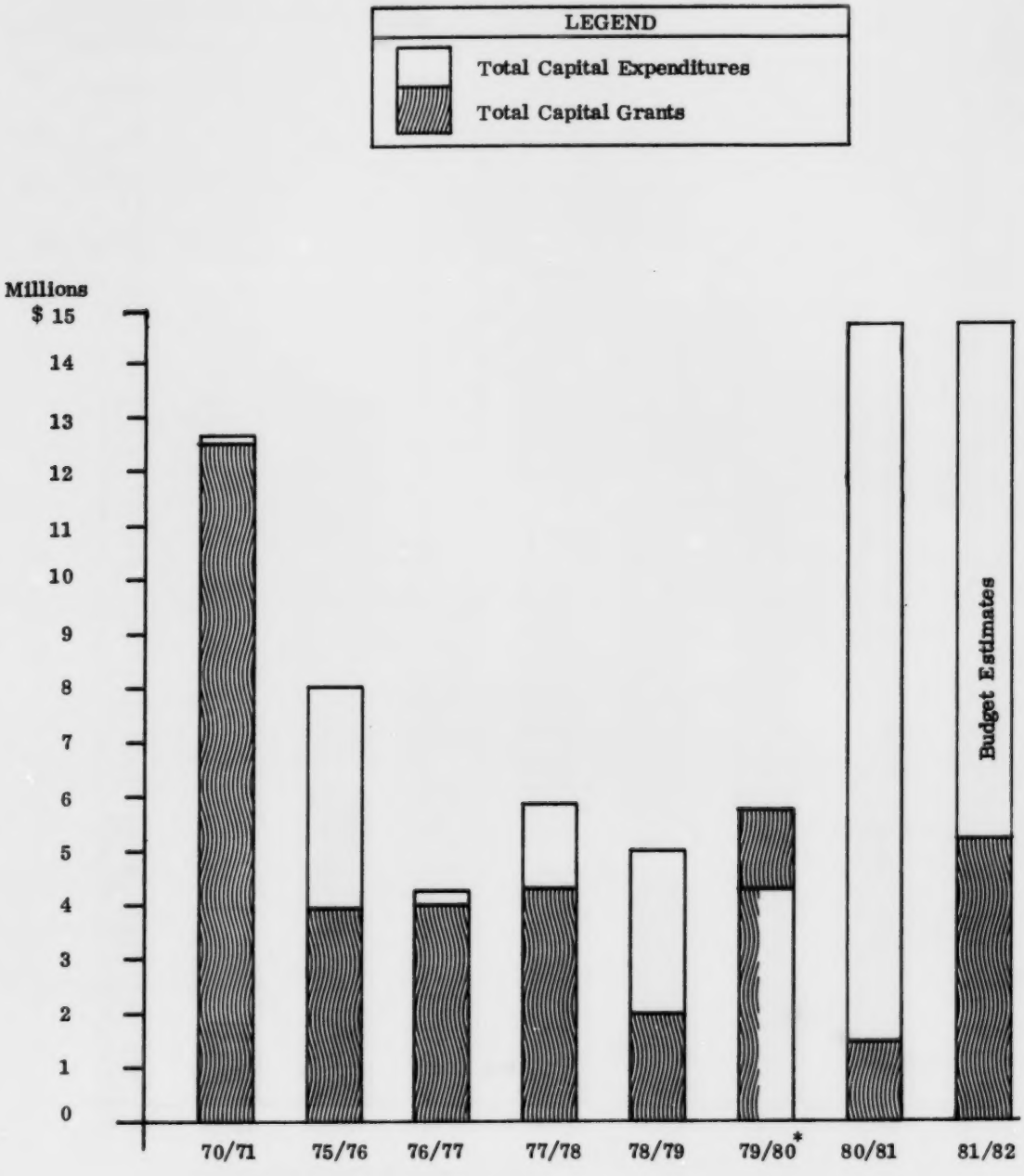
## CAPITAL

**Universities and Colleges Capital Grants Requested Compared to Capital Grants Received**



## CAPITAL

**Universities and Colleges Total Capital Expenditures Compared to the Total Capital Grants from the Province**




* A Supplementary Miscellaneous Capital Grant of $2,000,000 which was approved in January, 1980 was committed but not spent by the institutions at March 31, 1980.

## CHAPTER VIII

## CAPITAL PROJECTS

Five new capital projects were funded during the year ended March 31, 1982, four at the University of Manitoba and one at Brandon University.

### University of Manitoba

#### Frank Kennedy Building Repairs

Structural defects had developed in the walls of the Frank Kennedy Building over the past several years and as a result large cracks appeared, particularly in the Racquetball Courts which caused them to become unuseable. These Courts form an integral part of the instructional and recreational physical education facility at the University of Manitoba which, due to the deterioration of the facilities, had been severely jeopardized. To rectify the problems, it was necessary to replace some of the concrete masonry, reset the doors and then re-line the walls with a durable playing surface consisting of panels specifically made for the purpose.

#### Renovations - Faculty of Dentistry

The facilities of the Faculty of Dentistry are used intensively twelve months of the year. However, other than the replacement of dental chairs and units, there had not been an upgrading or renovation of the physical facilities. Much of the space for academic support and research staff was inadequate and frequently not conveniently located. The renovations include the pre-clinical laboratories, consolidation of the Department of Rehabilitative Dental Science and Oral Pathology, consolidation of graduate clinics in Stomatology and Periodontology into one clinic, the re-location of the Dental Hygiene staff and minor renovations to Orthodontic offices and records.

#### Renovations - Third Floor - Pathology Building

The Province moved its Cadham Laboratories from this space to its new building. This space was required by the University to house its teaching and research programs in Genetics and extensive renovations were required.

#### Alterations and Addition - Faculty of Engineering

Additional space was required for the programs of the Faculty of Engineering and this was partially met through the alteration of 3200 sq. ft. of the fourth floor to house the Department of Agricultural Engineering and converting existing attic space on the fifth floor into useable space. This new space, which is located in the south-west wing of the engineering building, will add approximately 6700 net

assignable sq. ft. and will house the Centre for Industrial Applications of Micro-Electronics.

Brandon University

Music Building

The Commission approved in principle an addition to the Music Building at Brandon University at a total cost of $1,600,000 and the Government provided $1,000,000 this year so that the project could commence. However, after Brandon had been informed that they could proceed with this project, they decided that rather than an addition, the University would be better served with a new Music Building at a total cost of $6,000,000, of which $4.4 Million would be funded by monies raised through a fund-raising campaign and request Commission approval. The Commission forwarded Brandon University's request on to Cabinet for its consideration. Cabinet and the Commission gave approval in principle to the new Music Building proposal with the proviso that final approval was contingent upon the University raising all necessary funding in excess of the $1.6 million dollars through its fund-raising campaign. As a result of this proviso and the Commission's four-step approval process, only $63,282 has been paid to Brandon to cover Architect's Fees to the approval in principle stage.

Miscellaneous Capital

Miscellaneous Capital funding of $3,000,000 was provided for the four institutions. This amount includes funding for Major Renovations and Alterations of the buildings as well as for major equipment purchases associated with teaching and research.

## CHAPTER IX

## PLANNING

The Commission once again engaged the Research Branch of the Department of Education to carry out a survey of Grade 12 students. The purpose of this survey was to ascertain as accurately as possible what the students intended to do after graduation. This year's survey showed a slightly higher percentage of students who indicated a possibility of going on to post-secondary education than the previous years survey - 69% with an additional 20% who indicated they were undecided at the time of the survey. Of this group, excluding the undecided, 49.5% of the students first choice was a university and 35% was a community college. The institutions have found this survey most helpful in their planning and it has been continued for another year.

The Commission engaged the Research Branch of the Department of Labour and Manpower to carry out a University Outcomes Study. The purpose of the study was to provide information regarding the post-university experiences of graduates. The survey population included students who graduated in 1976 and 1979 from the University of Manitoba, the University of Winnipeg, Brandon University and St. Boniface College.

The Commission has only received the Executive Summary of the report to date but is expecting to receive the detailed report by mid-summer. However, the Executive Summary did show that 96% of the graduates were satisfied with their decision to attend university and between 77 and 81 per cent of graduates were satisfied with their program choice, depending upon year of graduation. The labour force participation rates for 1976 graduates one month after graduation was 84%, for the 1979 graduates it was 79% and by July, 1981 it had risen to 86% and 80% respectively. Most of the employed graduates, approximately 90%, indicated they were satisfied with their jobs in general and could apply what they had learned in their chosen field to their job.

The Commission continued its study into the possibility of achieving an up to date comprehensive management information system. It has had meetings with the representatives of the universities and St. Boniface College and surveyed the other provinces to ascertain what they had done in this area. While the progress has been slow, it is hoped that some parts of the system will be in place and in use by this time next year.

# INSTITUTIONAL PLANNING

## 1. University of Manitoba

### Academic Planning

During the 1981-82 year, a beginning was made in the development of the elements of an Academic Plan for the University of Manitoba with a view to planning through to the year 2,000. The Deans and Directors, working with the Central Administration, have reviewed a list of major topics, questions and issues which they regard as important enough to require the formulation of a planning statement about them. The outcome of these deliberations has been preparation of a preliminary "table of contents" which was reviewed by the Dean's Council and other appropriate bodies and forwarded with their comments to a Task Force to develop this substance of the Plan.

### Financial Planning

In the summer of 1981 after a complete review of the process used to develop the financial operating, the president revised the planning and budgetting process to be used for the period 1982-83 to 1986-87. The responsibilities of the Budget Advisory Committee has been changed to involve it in the process of developing the asking budget estimates in addition to its involvement in developing the multi-year plan. The Committee no longer has formal responsibility for commenting on the details of the next year's allocation budget.

In late May, the Budget Advisory Committee will present its advice to the President on the Multi-Year Plan to 1986-87.

### Computer Services

The second annual Computer Services Five-Year Plan was developed to cover the period April, 1982 to March, 1987. The Plan identifies and schedules future Computer Services projects in the areas of application development, computer hardware, computer software and the development of standards and controls.

A study was completed for forecasting the requirements for a main frame computer capacity at the University of Manitoba from April, 1982 to March, 1986. Various alternative hardware configurations were examined from both a capacity and financial point of view.

A comprehensive set of system development standards is being prepared and is scheduled to be implemented in August, 1982. The main objective of these standards will be to ensure that the systems developed by Computer Services are efficient, maintainable, well documented, cost-effective and meet user requirements.

Libraries

As part of the proposed campus-wide development strategy, a proposal was put forward to consolidate six library collections. The objectives to be realized include making optimal use of increased physical space and reduced operating costs. The recently submitted Libraries' Multi-Year Plan, 1982-83 to 1986-87 outlines a continuing commitment to collection development as the highest priority. In conjunction with the five-year plan, a separate development proposal was drafted to guide the progress of automation in the libraries and a review of the current staffing complement was initiated to assure that the quality of the library services was being maintained.

Physical Planning and Design

A major space study of the Fort Garry Campus was conducted during the 1981-82 fiscal year using the space inventory and other previously developed systems. During the course of this study, an attempt was made to delineate those space problems that could be solved through re-cycling and re-allocation of existing space and those that could be solved through the addition of new space. The results of the study is a planning strategy for the Fort Garry Campus, which is flexible enough to be changed as conditions demand or for new options to be generated and tested. The plan proposed five groups of projects, each independent of the other, which will enable the university to update the development plan as information affecting it is received and as projects are completed.

Physical Plant and Energy Management

In mid-1981, Physical Plant and Energy Management was reorganized to improve the unit's performance. During the year, a system of recording deferred maintenance work was initiated. This system will be refined and used to establish priorities and provide a multi-year planning scheme for this work and in time will show whether deferred maintenance work is increasing or decreasing.

Research Administration

The office of Research Administration is responsible for administering applications for and accepting funds from external sources for research and related activities. The amount of grant funds

received from the three federal granting councils (MRC, NSERC, and SSHRC) has continued to grow at a rate well above the rate of inflation. An MRC grant will provide more than $4,000,000 over the next five years to support the research of the Allergy Research Group in the Department of Immunology. A core grant of over $300,000 over three years has been awarded to establish the Centre on Ageing in the Department of Sociology. Research funds received from SSHRC have almost doubled from $208,000 in 1980-81 to $408,000 in 1981-82. Preliminary figures for 1981-82 indicate the total research grant and contract funding will be about $27.5 M compared with $22.1 M for 1980-81 and $17.5 M for 1979-80.

Student Services

Counselling Service offered an extensive career colloquium series to the University community. Plans were completed for computerized expansion in the Career Resource Centre, new thrusts in Career Planning and Placement activity, and growth in the Learning Resource Centre.

The Overseas Student Advisory Program has been re-organized under a Director, International Centre for Students. The Centre will continue its responsibility for involvement with sponsored students while developing new thrusts in student exchanges and cultural programming. Plans for new activity in the native students advisory program were also completed and will result in new initiatives in 1982-83.

2. University of Winnipeg

The University of Winnipeg, at the request of the Universities Grants Commission, is working with the University of Manitoba and Brandon University to develop a co-operative nursing program. The University is also preparing a formal proposal for a Master's program in Communication Disorders which should be submitted to the Universities Grants Commission in the next fiscal year. Preliminary explorations are being undertaken with respect to a possible Institute for the Study of Social, Psychological and Ethical Implications of High Technology and extended cultural programming including possible specialization in Inuit Art.

3. Brandon University

Brandon University is actively engaged in a capital campaign drive to raise $5,000,000 for its new Music Building. The total cost of this project, including site development, is $6,000,000.

At the request of the Universities Grants Commission, Brandon University is working with the University of Winnipeg and the University of Manitoba to develop a co-operative nursing program.

In response to a request from the Board of Governors, the Brandon University Senate has prepared a detailed library report addressing future needs in library development. The University has requested specific funding from the Universities Grants Commission for the 1982-83 fiscal year to enable it to engage a firm to carry out a comprehensive study of the overall campus space needs and specifically the library expansion requirements.

4. St. Boniface College

The College has the following projects under consideration:

1) Translation Program

The College prepared a report on translation needs in Manitoba in October, 1981 and submitted it to the Universities Grants Commission and the Provincial Steering Committee considering the needs to prepare translators. A specialized B.A. program in translation has been prepared and will be submitted to the Commission within the coming months.

2) B.A. Latin Philosophy Program

It is the College's intention to re-consider the requirements of this program to better meet the needs of the student population and the institution.

3) Computer Science

The College is exploring the possibilities of offering a few options in this area thus adding to its regular offerings in Arts and Science.

4) Masters Program in French Literature and Language

The College is studying the possibility and implications of implementing such a program.

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# APPENDIX "A"

## Academic Programs by Institution, Institutes, Research Units and Other Academic Administrative Units, 1981-82

APPENDIX "A"

ACADEMIC PROGRAMS BY INSTITUTION

1981-82

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg
BU - Brandon University
SB - St. Boniface College[A.]

| | | DEGREE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Undergraduate | | | Graduate[C.] | | | | | | |
| Faculty and/or School | Program[B.] (Subject Field and/or Department) | Honours or Specialy (4 years or more) | Major or Specialty (3 Years Normally) | Minor | Masters | Ph.D. | Diploma | | Certificate | | |
| | | | | | | | Under-graduate | Graduate | Under-graduate | Graduate | |
| Administrative Studies | Accounting &/or Finance | UM | | | UM | | | | | | |
| | Actuarial & Business Maths[1.] | UM | | | UM | | | | | | |
| | Business Administration | UM | | | UM | | | | | | |
| | Public Policy | UM | | | UM | | | | | | |
| Agriculture | Agriculture | | | | | | UM | | | | BU (1st year) |
| | Agriculture Economics & Farm Mgt. | UM | | | UM | UM | | | | | |
| | Agricultural Science | UM | | | | | | | | | |
| | Animal Science | UM | | | UM | UM | | | | | |
| | Dairying | | | | | | UM | | | | |
| | Entomology | UM | | | UM | UM | | | | | |
| | Food Science | UM | | | UM | | | | | | |
| | Plant Science | UM | | | UM | UM | | | | | |
| | Soil Science | UM | | | UM | UM | | | | | |
| Architecture and Interior Design | Architecture | | | | UM | | | | | | |
| | City Planning | | | | UM | | | | | | |
| | Environmental Studies | | UM | | | | | | | | |
| | Interior Design | UM | | | | | | | | | |
| | Landscape Architecture | | | | UM | | | | | | |
| | Public Affairs[1,12] | | | | UM | | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arts and Science | Actuarial & Business Maths[1]. | UM | | | UM | | | | | | | |
| | Administrative Studies | | UW | | | | | | | | | |
| | Anthropology | UM,UW,BU | UM[14],UW,BU,SB | UM,BU,SB | UM | UM | | | | | | |
| | Applied Mathematics | UM[13] | UM[14] | UM | | | | | | | | |
| | Art History | | UM,UW | UM | | | | | | | | BU (Art) |
| | Asian Studies[1]. | | | UM | | | | | | | | |
| | Astronomy | | UM[14] | | | | | | | | | |
| | Biology | UW | UW | | | | | | | | | |
| | Biochemistry | UM[15] | | | | | | | | | | |
| | Botany | UM,BU | UM[14],BU | UM,BU | UM | UM | | | | | | |
| | Canadian Studies[1]. | UM | UM,UW | UM,BU | | | | | | | | |
| | Chemistry | UM,UW | UM[14],UW,BU,SB | UM,BU,SB | UM | UM | | | | | | |
| | Classics | | | | | | | | | | | |
| | i Classical Studies | | UM[14],UW | UM | | | | | | | | |
| | ii Civilization | UW | UW | | | | | | | | | |
| | iii Latin | UM,UW | UM,UW | UM,BU | UM | UM | | | | | | |
| | iv Greek | UM | | UM | UM | | | | | | | |
| | Computer Science | UM | UM,BU | UM,BU | UM | UM | | | | | | |
| | Criminology | | UM | | | | | | | | | |
| | Developmental Studies | | UW | | | | | | | | | |
| | Dramatic Studies[1]. | | UW | BU | | | | | | | | |
| | Earth Sciences[2]. | UM,BU | UM[14],BU | UM,BU | UM | UM | | | | | | |
| | Ecology | UM[15] | | | | | | | | | | |
| | Economics | UM,UW,BU | UM[14],UW,BU,SB | UM,BU,SB | UM | UM | | | | | | |
| | English | UM,UW,BU | UM,UW,BU,SB | UM,BU,SB | UM | UM | | | | | | |
| | Environmental Studies[1,3]. | BU | UW,BU | | | | | | | | | |
| | Film[1]. | | UM | UM | | | | | | | | |
| | French | UM,UW,SB | UM,UW,BU,SB | UM,BU,SB | UM | UM | | | | | | |

# APPENDIX "A"

## ACADEMIC PROGRAMS BY INSTITUTION

1981-82

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg
BU - Brandon University
SB - St. Boniface College[A.]



| Faculty and/or School | Program[B.] (Subject/Field and/or Department) | DEGREE: Undergraduate: Honours or Specialty (4 years or more) | DEGREE: Undergraduate: Major or Specialty (3 years normally) | DEGREE: Undergraduate: Minor | DEGREE: Graduate[C.]: Masters | DEGREE: Graduate[C.]: Ph.D. | Diploma: Under-Graduate | Diploma: Graduate | Certificate: Under-graduate | Certificate: Graduate | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arts and Science (Cont'd.) | Geography | UM,UW,BU | UM[14],UW,BU,SB | UM,BU,SB | UM | UM | | | | | |
| | German | UM,UW | UM[14],UW | UM,BU | UM | | | | | | |
| | History[12.] | UM,UW,BU | UM[14],UW,BU,SB | UM,BU,SB | UM,UW | UM | | | | | |
| | Icelandic | UM | UM | UM | UM | | | | | | |
| | Justice & Law Enforcement | | UW | | | | | | | | |
| | Labour Studies | | UM | UM | | | | | | | |
| | Latin American Studies[1.] | | | UM | | | | | | | |
| | Linguistics[1.] | | | UM | | | | | | | |
| | Mathematics | UM,UW | UM[14],UW,BU,SB | UM,BU,SB | UM | UM | | | | | |
| | Medieval Studies | | | UM | | | | | | | |
| | Medieval & Renaissance Studies[1.] | | UM[14.] | | | | | | | | |
| | Microbiology | UM | UM[14.] | UM,SB | UM | UM | | | | | |
| | Molecular Biology[1.] | | UW | | | | | | | | |
| | Music | | BU,UW[9.] | BU,UM | | | | | | | |
| | Native Studies | | | | | | | | | | |
| | i Native Studies | | UM,BU | UM,BU | | | | | | | |
| | ii Native Languages | | | UM,BU | | | | | | | |
| | Near Eastern & Judaic Studies | | | | | | | | | | |
| | i Hebrew Language & Literature | | UM | UM | | | | | | | |
| | ii Near Eastern & Judaic Civilization | | UM[14.] | UM | | | | | | | |
| | iii Yiddish | | | UM | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arts and Science (Cont'd.) | Philosophy | UM,UW,BU | UM[14],UW,BU,SB | UM,BU,SB | UM | | | | | | |
| | Physical Geography | UW | UW | | | | | | | | |
| | Physics | UM,UW | UM[14],UW,BU | UM,BU,SB | UM | UM | | | | | |
| | Political Studies or Science | UM,UW,BU | UM[14],UW,BU,SB | UM,BU,SB | UM | | | | | | |
| | Psychology | UM,UW,BU | UM[14],UW,BU,SB | UM,BU,SB | UM | UM | | | | | |
| | Public Affairs[1,12.] | | | | UM,UW | | | | | | |
| | Regional Studies[1.] | BU | BU | | | | | | | | |
| | Religion[12.] | UM,BU | UM[14],UW,BU,SB | UM,BU,SB | UM,UW | | | | | | |
| | Slavic Studies | | | | | | | | | | |
| | i Polish | | | UM | | | | | | | |
| | ii Russian | UM | UM[14] | UM | UM | | | | | | |
| | iii Ukrainian | UM | UM[14] | UM | UM | | | | | | |
| | Sociology | UM,UW,BU | UM[14],UW,BU,SB | UM,BU,SB | UM | | | | | | |
| | Soviet & East European Studies[1.] | UM | UM[14] | UM | | | | | | | |
| | Spanish | | UM[14] | UM | | | | | | | |
| | Statistics | UM | UM[14],UW | UM | UM | UM | | | | | |
| | Theatre[1.] | | | UM | | | | | | | |
| | Ukrainian Canadian Social Studies | | UM | UM | | | | | | | |
| | Urban Studies[1.] | | UW | UM | | | | | | | |
| | Woman's Studies[1.] | | | UM | | | | | | | |
| | Zoology | UM,BU | UM[14],BU | UM,BU,SB | UM | UM | | | | | |
| Dentistry[4.] | Dental Medicine | UM | | | | | | | | | |
| | Dental Science | | | | UM | | | | | | |
| | Oral Biology | | | | UM | UM | | | | | |
| | Oral Surgery | | | | | | | UM | | | |
| | Orthodontics | | | | UM | | | | | | |
| | Periodontics | | | | | | | UM | | | |

# APPENDIX "A"

## ACADEMIC PROGRAMS BY INSTITUTION

1981-82

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg
BU - Brandon University
SB - St. Boniface College[A.]



| | | DEGREE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Undergraduate | | | Graduate[C.] | | | | | | |
| | | | | | | | Diploma | | Certificate | | |
| Faculty and/or School | Program[B.] (Subject Field and/or Department) | Honours or Specialty (4 years or more) | Major or Specialty (3 years Normally) | Minor | Masters | Ph.D. | Under-graduate | Graduate | Under-graduate | Graduate | Other |
| Dental Hygiene | Dental Hygiene | | | | | | UM | | | | |
| Education | Education | UM, UW[5], BU, SB[6] | UW[5], BU, SB[6] | | UM | | UM, UW[5], BU, SB[6] | | | | |
| | Educational Administration & Foundations | | | | UM | UM | | | | | |
| Engineering | Agricultural | UM | | | UM | | | | | | |
| | Civil | UM | | | UM | UM | | | | | |
| | Electrical | UM | | | UM | UM | | | | | |
| | Geological | UM | | | | | | | | | |
| | Mechanical | UM | | | UM | UM | | | | | |
| Art | Art History | UM | UM | | | | | | | | |
| | Fine Arts | UM | UM | | | UM | | | | | BU[8.] |
| General Studies | | | | | | | | | | | |
| Human Ecology | Comprehensive | UM | | | | | | | | | |
| | Clothing & Textiles | UM | | | UM | | | | | | |
| | Family Studies | UM | | | UM | | | | | | |
| | Food & Nutrition | UM | | | UM | | | | | | |
| Law | Law | UM | | | UM | | | | | | |
| Medicine[7.] | Anatomy | UM | | | UM | UM | | | | | |
| | Anaesthesia | UM | | | | | | | | | |
| | Biochemistry | UM | | | UM | UM[1.] | | | | | |
| | Immunology | UM | | | UM | UM | | | | | |
| | Internal Medicine | UM | | | UM | | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Medicine[7.] (Cont'd.) | Medical Microbiology | UM | | | UM | UM | | | | | | |
| | Obstetrics & Gynaecology | | | | | | | | | | | |
| | Ophthalmology | UM | | | | | | | | | | |
| | Otolaryngology | UM | | | | | | | | | | |
| | Pathology | UM | | | UM | | | | | | | |
| | Pediatrics | UM | | | UM | | | | | | | |
| | Pharmacology & Therapeutics | UM | | | UM | UM | | | | | | |
| | Physiology | UM | | | UM | UM | | | | | | |
| | Psychiatry | UM | | | UM | | | | | | | |
| | Radiology | UM | | | | | | | | | | |
| | Social & Preventative Medicine | UM | | | | | | | | | | |
| | Surgery | UM | | | UM | | | | | | | |
| Medical Rehabilitation | Physical Therapy | UM | | | | | | | | | | |
| | Occupational Therapy | UM | | | | | | | | | | |
| Music | Music | UM,BU | UM[11.] | UM[11.] | BU | | | | | | | |
| Natural Resources Institute | Natural Resources Management[1.] | | | | UM | | | | | | | |
| Nursing | Nursing | UM | | | UM | | | | | | | |
| Pharmacy | Pharmacy | UM | | | UM | UM[1.] | | | | | | |
| Physical Education | Physical Education | | UM | | UM | | | | | | | |
| | Recreational Studies | UM | | | UM | | | | | | | |
| Social Work | Social Work | UM | | | UM | | | | | | | |
| Theology | Theology[10.] | UW | | | UW | | | | | | | |

## ACADEMIC PROGRAMS BY INSTITUTION

NOTES

A. St. Boniface College is affiliated with the University of Manitoba. S.B. students may transfer S.B. credits to U.M. programs and vice versa.

B. Many "sub-specialties" or "areas of concentration" exist within the various programs or specialty categories. For more details on these, consult the individual institutions.

C. Graduate degrees are not normally granted with designation as to any specialty. Post-Graduates, for example, in the Faculty of Medicine, can be awarded a M.Sc. and/or a Ph.D. (after undergraduate study) for concentration of research and study in any of the fields indicated.

1. Interdisciplinary Program.

2. Earth Sciences includes Geology, Geophysics, Crystallography, etc.

3. Environmental Studies Program is administered by Faculty of Architecture. At U.W. and B.U. the programs are in the Faculties of Arts and Science. (Note: The programs are not similar).

4. First degree awarded in Dentistry is a general degree covering all subjects. Post-graduate degrees are available with specialty in the Departments or subjects indicated.

5. The University of Winnipeg and the University of Manitoba have a co-operative four-year program in education in which the final year is taken at U.M. Students obtain their degree from the institution at which they take the majority of this work.

6. St. Boniface College operates L'Institut Pédagogique which offers teacher-training programs in the French language leading to the appropriate academic qualifications being granted by the University of Manitoba.

7. First degree of Doctor of Medicine is general covering all subjects. B.Sc. (Med.) may also be awarded in departments or subjects so indicated. Graduate degrees are awarded in departments indicated.

8. Brandon University grants a Bachelor of General Studies degree (B.G.S.) which is an unstructured program (students can select from all course offerings).

9. University of Winnipeg offers a major in Music in the B.A. program through its affiliation with the Mennonite Brethern College of Arts, where the Music courses are taught.

10. St. John's College has the constitutional authority to prepare candidates for the ordained ministry of the Anglican Church. This normally involves a three year program, leading to a Master of Divinity degree.

11. Major in Music is for B.Ed. students in Faculty of Education, minor is for any student not in the School of Music, whose faculty/school allows a minor program.

12. Masters Programs in History, Religion and Public Affairs are Joint Masters Programs between the Universities of Manitoba and Winnipeg.

13. Available only as a joint honors program with statistics.

14. Three year General and four year Major programs are available in these subject areas at the University of Manitoba.

15. Offered as a joint 4 year major or a Joint Honors program.

## APPENDIX "A"

Institutes, Interdisciplinary Research Units, and Other Academic Units.

University of Manitoba.

1. Aquatic Biology Research Unit.
2. Cell Biology Unit.
3. Centre for Precambrian Studies.
4. Centre for Transportation Studies.
5. Committee on Human Development.
6. Computer Centre.
7. Delta Waterfowl Research Station.
8. Fetherstonhaugh High Voltage Laboratory.
9. Glenlea Experimental Station.
10. Industrial Applications of Microelectronics Centre Inc.
11. Legal Research Institute.
12. Medieval and Renaissance Guild.
13. Natural Resources Institute.
14. Northern Medical Unit.
15. Northern Studies Committee.
16. Office of Industrial Research.
17. Psychological Service Centre.
18. Star Lake Field Station.
19. Taiga Biological Station.
20. University of Manitoba Cyclotron.
21. University Field Station (Delta Marsh).
22. Wallace Lake Field Station.

University of Winnipeg.

1. Institute of Urban Studies.

Brandon University

1. Rural Community Resource Centre.

Collège Universitaire de Saint-Boniface

1. Institut d'éducation pastoral de Saint-Boniface.
2. Centre d'études franco-canadiennes de l'Quest.

APPENDIX "B"

INTER-UNIVERSITIES NORTH PROGRAM, 1981-82

## APPENDIX "B"

## INTER-UNIVERSITIES NORTH PROGRAM

| Department | Title | Course Number | Sponsoring University |
|---|---|---|---|
| **Churchill** | | | |
| Biology | Genetics, Evolution, Man and the Ecosystem | 05.1102-1 | Winnipeg |
| **Cranberry Portage** | | | |
| Education | Introduction to Audio-Visual Education | 01.310 | Brandon |
| Education | Media Production Techniques | 01.311 | Brandon |
| **Flin Flon** | | | |
| Biology | Genetics, Evolution, Man and the Ecosystem | 05.1102-1 | Winnipeg |
| Economics | Introduction to Economics | 14.1104-1 | Winnipeg |
| Education | Principles of Second-Language Instruction | 63.304 | Manitoba |
| Education | Education of Exceptional Children I | 01.550 | Brandon |
| Education | Education of Exceptional Children II | 01.551 | Brandon |
| **Flin Flon/The Pas** | | | |
| Sociology | Introduction to Research Methods | 77.229 | Manitoba |
| **Garden Hill** | | | |
| Philosophy | Man and his values | 35.1002-1 | Winnipeg |
| **Grand Rapids** | | | |
| Native Studies | Native Music | 68.284 | Brandon |
| Sociology | The Family | 77.246 | Manitoba |
| Sociology | Courtship and Marriage | 77.247 | Manitoba |
| **Leaf Rapids** | | | |
| Sociology | Introduction to Sociology | 77.120 | Manitoba |
| **Lynn Lake** | | | |
| Psychology | Social Psychology I | 17.241 | Manitoba |
| Psychology | Social Psychology II | 17.242 | Manitoba |
| **Leaf Rapids/Lynn Lake** | | | |
| Mathematics | Introduction to Computer-Based Systems | 32.1803-5 | Winnipeg |
| Mathematics | Introduction to Scientific Programming | 32.1801-5 | Winnipeg |
| **Norway House** | | | |
| Education | Reading in Elementary School | 63.310 | Manitoba |
| Education | Introduction to Diagnostic and Corrective Procedures in Reading | 63.312 | Manitoba |

| Department | Title | Course Number | Sponsoring University |
|---|---|---|---|
| **The Pas** | | | |
| Education | Early Childhood Education | 01.332 | Brandon |
| Education | Computer Application in Education | 43.306 | Manitoba |
| Sociology | Introduction to Sociology | 50.1101-1 | Winnipeg |
| **Thompson** | | | |
| Biology | General Biology | 05.1111-1 | Winnipeg |
| Education | Education of Slow Learners | 43.520 | Manitoba |
| Education | Computer Application in Education | 43.306 | Manitoba |
| Engineering | Applied Mechanics - statics | 23.135 | Manitoba |
| Engineering | Applied Mechanics - dynamics | 23.136 | Manitoba |
| Geography | The Making of the Prairie Landscape | 53.245 | Manitoba |
| History | The Twentieth Century World | 29.2100-1 | Winnipeg |
| Sociology | Criminology | 77.251 | Manitoba |
| Sociology | Sociology of Delinquency | 77.345 | Manitoba |

## APPENDIX "C"

## Enrolment Statistics

APPENDIX "C"

TABLE I

Full-Time Undergraduate Enrolment by Faculty

| | 1977-78 | 1978-79 | 1979-80 | 1980-81 | 1981-82 |
|---|---|---|---|---|---|
| **University of Manitoba** | | | | | |
| Administrative Studies | 1,206 | 1,136 | 1,249 | 1,319 | 1,345 |
| Agriculture | 796 | 783 | 699 | 696 | 674 |
| Architecture | 420 | 375 | 390 | 410 | 389 |
| Arts | 2,318 | 2,127 | 2,007 | 2,038 | 2,351 |
| Dental Hygiene | 43 | 45 | 44 | 47 | 47 |
| Dentistry | 119 | 126 | 125 | 115 | 117 |
| Education | 1,251 | 1,147 | 967 | 985 | 1,005 |
| Engineering | 1,207 | 1,215 | 1,146 | 1,127 | 1,173 |
| Fine Arts | 204 | 201 | 196 | 202 | 220 |
| Human Ecology | 356 | 322 | 315 | 321 | 350 |
| Law | 370 | 362 | 356 | 326 | 286 |
| Medical Rehabilitation | 134 | 107 | 120 | 125 | 127 |
| Medicine | 381 | 383 | 383 | 379 | 386 |
| Music | 73 | 82 | 82 | 70 | 77 |
| Nursing | 285 | 245 | 245 | 224 | 237 |
| Pharmacy | 108 | 105 | 137 | 108 | 109 |
| Physical Education | 259 | 250 | 241 | 223 | 245 |
| Science | 1,723 | 1,695 | 1,670 | 1,835 | 2,202 |
| Social Work | 190 | 174 | 199 | 182 | 228 |
| Other | 0 | 0 | 2 | 5 | 4 |
| Sub-Total | 11,443 | 10,880 | 10,573 | 10,737 | 11,572 |
| **University of Winnipeg** | | | | | |
| Arts | 1,786 | 1,618 | 1,447 | 1,508 | 1,609 |
| Education | 360 | 350 | 318 | 326 | 367 |
| Science | 570 | 566 | 501 | 474 | 439 |
| Other | 43 | 46 | 22 | 27 | 18 |
| Sub-Total | 2,759 | 2,580 | 2,288 | 2,335 | 2,433 |
| **Brandon University** | | | | | |
| Arts | 296 | 268 | 247 | 236 | 288 |
| Education | 447 | 367 | 301 | 221 | 222 |
| General Studies | 127 | 96 | 92 | 106 | 97 |
| Music | 91 | 75 | 63 | 66 | 77 |
| Science | 262 | 271 | 244 | 306 | 391 |
| Other | 4 | 2 | 10 | 5 | 10 |
| Sub-Total | 1,227 | 1,079 | 957 | 940 | 1,085 |
| **St. Boniface College** | | | | | |
| Arts | 110 | 88 | 89 | 81 | 79 |
| Education | 82 | 75 | 86 | 79 | 80 |
| Science | 23 | 16 | 16 | 19 | 20 |
| Other | 2 | 0 | 0 | 0 | 0 |
| Sub-Total | 217 | 179 | 191 | 179 | 179 |
| TOTALS | 15,646 | 14,718 | 14,009 | 14,191 | 15,269 |

APPENDIX "C"

TABLE II

Full-Time Graduate Students by Faculty and Degree Level

University of Manitoba

| Faculty | 1977-78 | | 1978-79 | | 1979-80 | | 1980-81 | | 1981-82 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | a. Masters | b. Ph.D. | a. Masters | b. Ph.D. | a. Masters | b. Ph.D. | a. Masters | b. Ph.D. | a. Masters | b. Ph.D. |
| Administrative Studies | 77 | - | 71 | - | 89 | - | 101 | - | 116 | - |
| Agriculture | 113 | 50 | 118 | 54 | 127 | 47 | 131 | 49 | 128 | 53 |
| Architecture | 196 | - | 189 | - | 204 | - | 195 | - | 195 | - |
| Arts | 307 | 116 | 301 | 125 | 293 | 117 | 263 | 123 | 272 | 121 |
| Dentistry | 6 | 1 | 9 | 1 | 17 | - | 15 | - | 16 | 1 |
| Education | 71 | 6 | 69 | 9 | 86 | 7 | 69 | 8 | 133 | 7 |
| Engineering | 58 | 27 | 63 | 23 | 62 | 23 | 74 | 27 | 98 | 32 |
| Human Ecology | 33 | - | 27 | - | 31 | - | 41 | - | 47 | - |
| Law | 0 | - | 1 | - | - | - | - | - | 1 | - |
| Medicine | 54 | 43 | 64 | 39 | 66 | 49 | 57 | 40 | 55 | 42 |
| Natural Resources | 45 | - | 42 | - | 36 | - | 39 | - | 39 | - |
| Nursing | - | - | - | - | - | - | 3 | - | 7 | - |
| Pharmacy | 4 | - | 6 | - | 3 | - | 4 | - | 1 | - |
| Physical Education | - | - | - | - | 3 | - | 3 | - | 13 | - |
| Science | 181 | 76 | 157 | 80 | 126 | 72 | 127 | 74 | 142 | 70 |
| Social Work | 23 | - | 26 | - | 20 | - | 21 | - | 23 | - |
| Joint Programs[c.] | 60 | - | 81 | - | 95 | - | 100 | - | 76 | - |
| | 1,228 | 319 | 1,224 | 331 | 1,258 | 315 | 1,248* | 321 | 1,369** | 326 |
| | 1,547 | | 1,555 | | 1,573 | | 1,569 | | 1,695 | |

* Total includes 5 Inter-Disciplinary Graduate Students.

** Total includes 7 Inter-Disciplinary Graduate Students.

a. Masters includes: Pre-Masters, Occasional and Graduate Diploma Students.

b. Dashes indicate faculties where no Ph.D. program is offered.

c. Students registered in four joint masters programs offered by the University of Manitoba and the University of Winnipeg. Three of these programs were begun in September, 1976. The other was begun in September, 1978.

## APPENDIX "C"

### TABLE III

**Part-Time Enrolment by Faculty**
**(Does Not Include Summer Sessions)**

| | 1977-78 | 1978-79 | 1979-80 | 1980-81 | 1981-82 |
|---|---|---|---|---|---|
| **University of Manitoba** | | | | | |
| Administrative Studies | 214 | 218 | 225 | 225 | 213 |
| Agriculture | 56 | 76 | 93 | 78 | 81 |
| Architecture | 119 | 139 | 120 | 123 | 106 |
| Arts | 2,841 | 2,503 | 2,448 | 2,509 | 2,609 |
| Dental Hygiene | 6 | 5 | 7 | 5 | 7 |
| Dentistry | 0 | 0 | 0 | 0 | 0 |
| Education | 1,375 | 1,142 | 851 | 705 | 816 |
| Engineering | 54 | 62 | 73 | 54 | 64 |
| Fine Arts | 141 | 138 | 156 | 171 | 187 |
| Graduate Studies | 1,359 | 1,412 | 1,329 | 1,409 | 1,497 |
| Human Ecology | 85 | 56 | 52 | 50 | 72 |
| Law | 2 | 4 | 9 | 7 | 12 |
| Medical Rehabilitation | 63 | 106 | 100 | 72 | 34 |
| Medicine | 0 | 0 | 0 | 0 | 0 |
| Music | 20 | 23 | 24 | 26 | 20 |
| Nursing | 69 | 68 | 79 | 101 | 139 |
| Pharmacy | 41 | 40 | 16 | 30 | 34 |
| Physical Education | 81 | 89 | 100 | 101 | 113 |
| Science | 398 | 413 | 417 | 501 | 608 |
| Social Work | 48 | 71 | 92 | 90 | 134 |
| Other | - | - | 14 | 103 | 93 |
| Sub-Total | 6,972 | 6,565 | 6,205 | 6,360 | 6,839 |
| **University of Winnipeg** | | | | | |
| Arts | 2,609 | 2,336 | 2,517 | 2,551 | 3,205 |
| Science | 248 | 237 | 275 | 285 | 279 |
| Education | 77 | 108 | 127 | 164 | 174 |
| Other | 384 | 390 | 270 | 267 | 328 |
| Sub-Total | 3,318 | 3,071 | 3,189 | 3,267 | 3,986 |
| **Joint Masters Programs** | | | | | |
| Sub-Total | 62 | 71 | 87 | 95 | 81 |
| **Brandon University** | | | | | |
| Arts | 264 | 187 | 230 | 289 | 292 |
| Education | 358 | 326 | 297 | 392 | 323 |
| General Studies | 194 | 163 | 208 | 272 | 235 |
| Music | 4 | 11 | 15 | 20 | 17 |
| Science | 328 | 184 | 190 | 290 | 338 |
| Other | 140 | 94 | 146 | 68 | 167 |
| Sub-Total | 1,288 | 965 | 1,086 | 1,331 | 1,372 |
| **St. Boniface College** | | | | | |
| Arts | 105 | 96 | 102 | 104 | 100 |
| Education | 51 | 73 | 59 | 80 | 61 |
| Science | 4 | 5 | 3 | 5 | 3 |
| Other | 3 | 0 | 0 | 0 | 0 |
| Sub-Total | 163 | 174 | 164 | 189 | 164 |
| Total | 11,803 | 10,846 | 10,731 | 11,242 | 12,442 |

## APPENDIX "C"

### TABLE IV

### Origins of Full-Time Canadian Students 1980-81

| | B.C. | Alta. | Sask. | Ont. | P.Q. | N.B. | P.E.I. | N.S. | Nfld. | Territories | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **University of Manitoba** | | | | | | | | | | | |
| Admin. Studies | 3 | 7 | 8 | 37 | 4 | - | - | - | - | 1 | 60 |
| Agriculture | - | 3 | 4 | 7 | 2 | 3 | - | 3 | - | 1 | 23 |
| Architecture | 37 | 58 | 44 | 46 | 1 | 3 | 1 | 1 | - | 1 | 192 |
| Fine Arts | - | 5 | 3 | 13 | - | 1 | - | - | - | - | 22 |
| Arts | 12 | 24 | 22 | 67 | 3 | - | - | 1 | - | 3 | 132 |
| Dental Hygiene | - | - | 4 | 2 | - | - | - | - | - | - | 6 |
| Dentistry | 3 | - | - | 6 | - | - | - | - | - | - | 9 |
| Education | 3 | 6 | 6 | 23 | 1 | 1 | - | - | - | 1 | 41 |
| Engineering | 6 | 5 | 1 | 29 | 1 | - | - | - | 1 | - | 43 |
| Graduate Studies | 27 | 42 | 33 | 105 | 21 | 3 | 2 | 16 | 2 | 2 | 253 |
| Human Ecology | 4 | 3 | 5 | 21 | - | 2 | - | - | - | - | 35 |
| Law | - | 5 | 1 | 4 | 1 | - | - | - | 1 | - | 12 |
| Medical Rehab. | 1 | - | 3 | 10 | 1 | - | - | 1 | - | 1 | 17 |
| Medicine | 2 | - | 1 | 5 | 1 | 1 | - | - | - | - | 10 |
| Music | - | 1 | 1 | 3 | - | - | - | - | - | - | 5 |
| Nursing | - | 1 | 1 | 9 | 1 | 1 | - | - | - | - | 13 |
| Pharmacy | 1 | - | - | 20 | 1 | - | - | 1 | - | - | 23 |
| Physical Ed. | - | - | 3 | 5 | - | - | - | 1 | - | - | 9 |
| Science | 14 | 7 | 7 | 76 | 3 | 2 | 1 | 1 | - | - | 111 |
| Social Work | 2 | 1 | 3 | 6 | - | 1 | - | 3 | - | - | 16 |
| Sub-Total | 115 | 168 | 150 | 494 | 41 | 18 | 4 | 28 | 4 | 10 | 1,038** |
| **University of Winnipeg*** | | | | | | | | | | | |
| Arts | | | | | | | | | | | |
| Science | | | | | | | | | | | |
| Education | | | | | | | | | | | |
| Other | | | | | | | | | | | |
| Sub-Total | 28 | 16 | 11 | 41 | 5 | 2 | - | 1 | - | - | 111*** |
| **Brandon University** | | | | | | | | | | | |
| Arts | 3 | 3 | 4 | 3 | - | 1 | - | - | - | - | 14 |
| Education | - | 2 | 11 | 1 | - | - | - | - | - | - | 14 |
| General Studies | 4 | 1 | 6 | 5 | - | - | 1 | - | - | - | 17 |
| Music | - | - | 8 | 3 | - | - | - | 1 | - | - | 12 |
| Science | 2 | 1 | 12 | 3 | - | - | - | - | - | 1 | 19 |
| Sub-Total | 9 | 7 | 41 | 15 | - | 1 | 1 | 1 | - | 1 | 76 |
| **St. Boniface College*** | | | | | | | | | | | |
| Arts | | | | | | | | | | | |
| Education | | | | | | | | | | | |
| Science | | | | | | | | | | | |
| Sub-Total | - | 1 | 3 | - | 7 | - | - | - | - | - | 11 |
| Total | 152 | 192 | 205 | 550 | 53 | 21 | 5 | 30 | 4 | 11 | 1,236**** |

* Faculty breakdown unavailable.

** Total includes 6 of unknown origin.

*** Total includes 7 of unknown origin.

**** Total includes 13 of unknown origin.

## APPENDIX "C"

### TABLE V

### Origins of Full-Time Canadian Students 1981-82

| | B.C. | Alta. | Sask. | Ont. | P.Q. | N.B. | P.E.I. | N.S. | Nfld. | Territories | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **University of Manitoba** | | | | | | | | | | | |
| Admin. Studies | 4 | 11 | 12 | 38 | 4 | - | - | - | - | 1 | 70 |
| Agriculture | 2 | 1 | 3 | 6 | 1 | 2 | - | 1 | - | 1 | 17 |
| Architecture | 42 | 59 | 46 | 42 | 3 | 1 | - | 1 | - | - | 194 |
| Fine Arts | - | 6 | 3 | 14 | - | 3 | - | - | - | - | 26 |
| Arts | 17 | 22 | 17 | 69 | 7 | 1 | - | 3 | - | 1 | 138 |
| Dental Hygiene | - | - | 4 | 3 | - | - | - | - | - | - | 7 |
| Dentistry | 3 | - | - | 7 | 2 | - | - | - | 1 | - | 13 |
| Education | 2 | 10 | 6 | 29 | 2 | 1 | - | - | - | 1 | 51 |
| Engineering | 5 | 5 | 2 | 34 | 2 | - | - | - | - | - | 49 |
| Graduate Studies | 33 | 44 | 36 | 122 | 14 | 3 | 3 | 9 | 3 | 1 | 269 |
| Human Ecology | 7 | 5 | 8 | 25 | 1 | 1 | - | - | - | - | 47 |
| Law | 1 | 3 | 1 | 8 | - | - | - | - | 1 | - | 14 |
| Medical Rehab. | 1 | - | 2 | 11 | 1 | - | - | 2 | - | 1 | 18 |
| Medicine | 4 | 1 | 1 | 6 | - | - | - | - | - | - | 12 |
| Music | - | 2 | 1 | 2 | - | - | - | - | - | - | 5 |
| Nursing | - | 1 | 3 | 1 | 1 | - | - | - | - | - | 6 |
| Pharmacy | - | - | 1 | 23 | 1 | - | - | 1 | - | - | 26 |
| Physical Ed. | - | 1 | 3 | 7 | - | - | - | - | 1 | - | 12 |
| Science | 13 | 7 | 7 | 71 | 6 | 3 | - | 1 | - | - | 110 |
| Social Work | 3 | 5 | 5 | 9 | - | 2 | - | 1 | - | 2 | 25 |
| Sub-Total | 137 | 183 | 161 | 527 | 45 | 17 | 3 | 19 | 6 | 8 | 1,109** |
| **University of Winnipeg*** | | | | | | | | | | | |
| Arts | | | | | | | | | | | |
| Science | | | | | | | | | | | |
| Education | | | | | | | | | | | |
| Other | | | | | | | | | | | |
| Sub-Total | 16 | 7 | 12 | 24 | 2 | - | - | 1 | - | - | 67*** |
| **Brandon University** | | | | | | | | | | | |
| Arts | 1 | 2 | 11 | 5 | 1 | - | - | - | - | - | 20 |
| Education | 2 | 1 | 9 | 1 | - | - | - | - | - | - | 13 |
| General Studies | - | 1 | 4 | 5 | 1 | - | - | 1 | - | 1 | 13 |
| Music | 1 | 1 | 10 | 1 | - | - | - | 1 | - | - | 14 |
| Science | 2 | 3 | 12 | 2 | - | 1 | - | - | - | - | 20 |
| Other | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Sub-Total | 6 | 8 | 46 | 14 | 2 | 1 | - | 2 | - | 2 | 81 |
| **St. Boniface College*** | | | | | | | | | | | |
| Arts | | | | | | | | | | | |
| Education | | | | | | | | | | | |
| Science | | | | | | | | | | | |
| Sub-Total | - | 1 | 6 | 1 | 8 | - | - | - | - | - | 16 |
| Total | 159 | 199 | 225 | 566 | 57 | 18 | 3 | 22 | 6 | 10 | 1,273**** |

* Faculty breakdown unavailable.

** Total includes 3 of unknown origin.

*** Total includes 5 of unknown origin.

**** Total includes 8 of unknown origin.

APPENDIX "C"

TABLE VI

Origins of Full-Time International Students* 1980-81

| | U.S.A. | Other Americas | U.K. + Eire | Other Europe | Africa | Hong Kong | Other Asia | Middle East | Oceania | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| University of Manitoba | | | | | | | | | | |
| Admin. Studies | 2 | 10 | 7 | 6 | 3 | 53 | 17 | - | 1 | 99 |
| Agriculture | 1 | 3 | 5 | 12 | 5 | 11 | 21 | 1 | 1 | 60 |
| Architecture | 3 | - | 3 | 2 | - | 18 | 7 | - | 1 | 34 |
| Fine Arts | 2 | 2 | 3 | 2 | - | 7 | - | 1 | - | 17 |
| Arts | 13 | 18 | 12 | 17 | 7 | 52 | 32 | 2 | - | 153 |
| Dental Hygiene | - | - | - | 1 | - | - | - | - | - | 1 |
| Dentistry | 1 | 1 | - | 1 | - | 2 | 1 | - | - | 6 |
| Education | 9 | 5 | 8 | 10 | 2 | 1 | 3 | - | 2 | 40 |
| Engineering | 2 | 12 | 7 | 10 | 16 | 64 | 63 | 5 | - | 179 |
| Graduate Studies | 52 | 26 | 30 | 29 | 59 | 48 | 106 | 40 | 6 | 396 |
| Human Ecology | - | 1 | - | - | - | 10 | 4 | - | - | 15 |
| Law | 2 | - | 1 | - | - | - | 3 | - | - | 6 |
| Medical Rehab. | 1 | - | 2 | 1 | 1 | - | - | - | 1 | 6 |
| Medicine | - | - | - | 1 | - | 2 | 2 | - | 1 | 6 |
| Music | 1 | - | 1 | 2 | - | 2 | - | - | - | 6 |
| Nursing | 2 | - | - | 4 | 1 | 2 | 3 | - | - | 12 |
| Pharmacy | - | - | 1 | - | - | 2 | - | - | - | 3 |
| Physical Ed. | - | - | 1 | - | - | - | - | - | - | 1 |
| Science | 13 | 18 | 13 | 14 | 11 | 153 | 95 | 3 | - | 320 |
| Social Work | 2 | - | 2 | 2 | 1 | 11 | - | - | - | 18 |
| Sub-Total | 106 | 96 | 96 | 114 | 106 | 438 | 357 | 52 | 13 | 1,378 |
| University of Winnipeg | | | | | | | | | | |
| Arts | | | | | | | | | | |
| Science | | | | | | | | | | |
| Education | | | | | | | | | | |
| Other | | | | | | | | | | |
| Sub-Total** | 25 | 31 | 22 | 25 | 17 | 28 | 42 | - | - | 190 |
| Brandon University | | | | | | | | | | |
| Arts | 1 | - | 3 | 2 | 1 | 5 | 6 | - | - | 18 |
| Education | 2 | - | 1 | - | 1 | - | - | - | - | 4 |
| General Studies | - | - | - | - | - | - | - | - | - | - |
| Music | 1 | - | - | 1 | - | - | - | - | - | 2 |
| Science | - | - | - | 1 | - | 10 | 4 | - | 1 | 16 |
| Sub-Total | 4 | - | 4 | 4 | 2 | 15 | 10 | - | 1 | 40 |
| St. Boniface College | | | | | | | | | | |
| Arts | | | | | | | | | | |
| Education | | | | | | | | | | |
| Science | | | | | | | | | | |
| Sub-Total** | - | - | - | 2 | - | - | 2 | - | - | 4 |
| Total | 135 | 127 | 122 | 145 | 125 | 481 | 411 | 52 | 14 | 1,612 |

* Includes students who are landed immigrants and those on student visas.

** Faculty breakdown unavailable.

APPENDIX "C"

TABLE VII

Origins of Full-Time International Students* 1981-82

| | U.S.A. | Other Americas | U.K. + Erie | Other Europe | Africa | Hong Kong | Other Asia | Middle East | Oceania | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| University of Manitoba | | | | | | | | | | |
| Admin. Studies | 4 | 5 | 3 | 3 | 1 | 50 | 18 | - | - | 84 |
| Agriculture | 1 | 3 | 8 | 13 | 6 | 16 | 21 | 1 | - | 69 |
| Architecture | 1 | - | 2 | 5 | - | 13 | 6 | - | - | 27 |
| Fine Arts | - | 2 | 3 | 2 | - | 5 | 1 | - | - | 13 |
| Arts | 8 | 16 | 18 | 21 | 8 | 66 | 27 | 1 | 1 | 166 |
| Dental Hygiene | - | - | - | 1 | - | - | - | - | - | 1 |
| Dentistry | 1 | 1 | - | 1 | 1 | 3 | 1 | - | - | 8 |
| Education | 9 | 2 | 5 | 6 | - | 1 | 1 | - | 2 | 26 |
| Engineering | 7 | 9 | 8 | 13 | 13 | 48 | 32 | 5 | 2 | 137 |
| Graduate Studies | 57 | 19 | 25 | 33 | 79 | 51 | 114 | 30 | 8 | 416 |
| Human Ecology | - | 1 | - | - | - | 9 | 3 | - | - | 13 |
| Law | 3 | - | 1 | - | - | - | 1 | - | - | 5 |
| Medical Rehab. | 2 | - | 1 | 1 | - | - | - | - | - | 4 |
| Medicine | 1 | - | 1 | 2 | 1 | 2 | 1 | - | 1 | 9 |
| Music | 1 | - | - | 2 | - | 3 | - | - | - | 6 |
| Nursing | 3 | 2 | 1 | 2 | - | 5 | 3 | - | - | 16 |
| Pharmacy | - | - | - | - | - | 3 | 2 | - | - | 5 |
| Physical Ed. | - | - | 1 | 1 | - | 1 | - | - | - | 3 |
| Science | 12 | 20 | 16 | 15 | 10 | 195 | 128 | 2 | 4 | 402 |
| Social Work | 2 | - | - | 1 | - | 7 | - | - | - | 10 |
| Sub-Total | 112 | 80 | 93 | 122 | 119 | 478 | 359 | 39 | 18 | 1,420 |
| University of Winnipeg | | | | | | | | | | |
| Arts | | | | | | | | | | |
| Science | | | | | | | | | | |
| Education | | | | | | | | | | |
| Other | | | | | | | | | | |
| Sub-Total** | 15 | 42 | 11 | 27 | 20 | 42 | 40 | 1 | 6 | 204 |
| Brandon University | | | | | | | | | | |
| Arts | 2 | 1 | 2 | - | 1 | 14 | 12 | - | - | 32 |
| Education | - | - | 2 | - | 1 | - | - | - | - | 3 |
| General Studies | 2 | - | 1 | 1 | - | 1 | 1 | - | - | 6 |
| Music | 1 | - | - | 2 | - | 1 | - | - | - | 4 |
| Science | 2 | 1 | - | 7 | 3 | 23 | 32 | 1 | 2 | 71 |
| Sub-Total | 7 | 2 | 7*** | 10 | 5 | 39 | 45 | 1 | 2 | 118*** |
| St. Boniface College | | | | | | | | | | |
| Arts | | | | | | | | | | |
| Education | | | | | | | | | | |
| Science | | | | | | | | | | |
| Sub-Total** | - | - | - | 4 | - | - | 2 | - | - | 7**** |
| Total | 134 | 124 | 111 | 163 | 144 | 559 | 446 | 41 | 26 | 1,749 |

* Includes students who are landed immigrants and those on student visas.

** Faculty breakdown unavailable.

*** Includes 2 students not taking a degree.

**** Includes one student of unknown origin.

APPENDIX "C"

TABLE VIII

Origins of Full-Time Visa Students 1981-82

| | U.S.A. | Other Americas | U.K. + Erie | Other Europe | Africa | Hong Kong | Other Asia | Middle East | Oceania | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| University of Manitoba | | | | | | | | | | |
| Admin. Studies | - | 3 | - | - | - | 48 | 11 | - | - | 62 |
| Agriculture | 1 | 1 | - | 1 | 6 | 14 | 18 | - | - | 41 |
| Architecture | - | - | 1 | - | - | 10 | 5 | - | - | 16 |
| Fine Arts | - | - | - | - | - | 5 | - | - | - | 5 |
| Arts | 1 | 5 | 2 | 5 | 7 | 58 | 21 | 1 | - | 100 |
| Dental Hygiene | - | - | - | - | - | - | - | - | - | - |
| Dentistry | 1 | - | - | - | - | - | - | - | - | 1 |
| Education | 4 | 1 | - | 1 | - | 1 | - | - | - | 7 |
| Engineering | - | 5 | 2 | 1 | 11 | 39 | 20 | 5 | - | 83 |
| Graduate Studies | 24 | 11 | 11 | 24 | 75 | 45 | 103 | 28 | 7 | 328 |
| Human Ecology | - | 1 | - | - | - | 7 | 2 | - | - | 10 |
| Law | - | - | - | - | - | - | - | - | - | - |
| Medical Rehab. | - | - | - | - | - | - | - | - | - | - |
| Medicine | - | - | 1 | - | 1 | - | - | - | - | 2 |
| Music | - | - | - | - | - | 3 | - | - | - | 3 |
| Nursing | - | - | - | - | - | 2 | 3 | - | - | 5 |
| Pharmacy | - | - | - | - | - | - | - | - | - | - |
| Physical Ed. | - | - | - | 1 | - | 1 | - | - | - | 2 |
| Science | 2 | 13 | 6 | 5 | 10 | 176 | 118 | 1 | 1 | 332 |
| Social Work | - | - | - | - | - | 6 | - | - | - | 6 |
| Sub-Total | 33 | 40 | 23 | 38 | 110 | 415 | 301 | 35 | 8 | 1,003 |
| University of Winnipeg | | | | | | | | | | |
| Arts | | | | | | | | | | |
| Science | | | | | | | | | | |
| Education | | | | | | | | | | |
| Other | | | | | | | | | | |
| Sub-Total* | 5 | 18 | 2 | 6 | 11 | 39 | 30 | 1 | 1 | 113 |
| Brandon University | | | | | | | | | | |
| Arts | 2 | 1 | 1 | - | 1 | 14 | 12 | - | - | 31 |
| Education | - | - | 1 | - | 1 | - | - | - | - | 2 |
| General Studies | 2 | - | 1 | 1 | - | 1 | 1 | - | - | 6 |
| Music | 1 | - | - | 1 | - | 1 | - | - | - | 3 |
| Science | 1 | 1 | - | 4 | 2 | 23 | 31 | 1 | 1 | 64 |
| Sub-Total | 6 | 2 | 4** | 6 | 4 | 39 | 44 | 1 | 1 | 107** |
| St. Boniface College | | | | | | | | | | |
| Arts | - | - | - | 1 | - | - | - | - | - | 1 |
| Education | - | - | - | 1 | - | - | - | - | - | 1 |
| Science | - | - | - | - | - | - | - | - | - | - |
| Sub-Total | - | - | - | 2 | - | - | - | - | - | 2 |
| Total | 44 | 60 | 29 | 52 | 125 | 493 | 375 | 37 | 10 | 1,225 |

* Faculty breakdown unavailable.

** Total includes one person taking a nil degree.

APPENDIX "C"

TABLE IX

COURSE/SECTION SIZE - ENROLMENTS 1980-81[1.]
(Does Not Include Tutorials and Laboratories)[2.]

| Faculty/ School/ Institute | Course/Section Size less than 10 | | Course/Section Size of 10 to 19 | | Course/Section Size of 20 to 49 | | Course/Section Size of 50 to 99 | | Course/Section Size of 100 or more | | Total No. of Course/ Sections |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number | % of Total No. of Class/Sections | Number | % of Total No. of Class/Sections | Number | % of Total No. of Class/Sections | Number | % of Total No. of Class/Sections | Number | % of Total No. of Class/Sections | |
| University of Manitoba | | | | | | | | | | | |
| Admin. Studies | 5 | 1.9 | 11 | 4.2 | 165 | 63.2 | 77 | 29.5 | 3 | 1.1 | 261 |
| Agriculture | 37 | 24.5 | 44 | 29.1 | 35 | 23.2 | 15 | 9.9 | 20 | 13.2 | 151 |
| Architecture | 14 | 18.7 | 7 | 9.3 | 13 | 17.3 | 40 | 53.3 | 1 | 1.3 | 75 |
| Art, School of | 23 | 28.8 | 28 | 35.0 | 26 | 32.5 | 3 | 3.8 | - | - | 80 |
| Arts | 240 | 27.1 | 208 | 23.5 | 296 | 33.5 | 114 | 12.9 | 26 | 2.9 | 884 |
| Dental Hygiene | - | - | - | - | 16 | 100.0 | - | - | - | - | 16 |
| Dentistry | - | - | - | - | 40 | 100.0 | - | - | - | - | 40 |
| Education | 73 | 27.4 | 66 | 24.8 | 108 | 40.6 | 13 | 4.9 | 6 | 2.3 | 226 |
| Engineering | 16 | 10.4 | 25 | 16.2 | 31 | 20.1 | 68 | 44.2 | 14 | 9.1 | 154 |
| Human Ecology | 11 | 15.5 | 20 | 28.2 | 28 | 39.4 | 8 | 11.3 | 4 | 5.6 | 71 |
| Law | 8 | 9.0 | 17 | 19.1 | 51 | 57.3 | 13 | 14.6 | - | - | 89 |
| Med. Rehab. | 3 | 9.1 | 9 | 27.3 | 21 | 63.6 | - | - | - | - | 33 |
| Medicine[3.] | - | - | - | - | 1 | 100.0 | - | - | - | - | 1 |
| Music | 15 | 31.9 | 15 | 31.9 | 17 | 36.2 | - | - | - | - | 47 |
| Nat. Res. Inst. | - | - | 1 | 100.0 | - | - | - | - | - | - | 1 |
| Nursing | - | - | - | - | 1 | 9.1 | 10 | 90.9 | - | - | 11 |
| Pharmacy | 1 | 5.0 | - | - | 17 | 85.0 | 2 | 10.0 | - | - | 20 |
| Physical Educ. | 5 | 5.3 | 18 | 19.1 | 53 | 56.4 | 17 | 18.1 | 1 | 1.1 | 94 |
| Science | 98 | 22.0 | 61 | 13.7 | 105 | 23.5 | 91 | 20.4 | 91 | 20.4 | 446 |
| Social Work | 5 | 8.8 | 12 | 21.0 | 28 | 49.1 | 11 | 19.3 | 1 | 1.8 | 57 |
| Univ. Total | 554 | 19.8 | 542 | 19.4 | 1,052 | 37.6 | 482 | 17.2 | 167 | 6.0 | 2,797 |

1. This includes courses 090-699. Does not include Post-Graduate Medical Education Students (Formerly known as Interns and Residents).
2. Except where they count as credit.
3. Service course only.

APPENDIX "C"

TABLE IX

COURSE/SECTION SIZE - ENROLMENTS 1981/82
(Does Not Include Tutorials and Laboratories)

| Faculty/ School/ Institute | Course/Section Size less than 10 | | Course/Section Size of 10 to 19 | | Course/Section Size of 20 to 49 | | Course/Section Size of 50 to 99 | | Course/Section Size of 100 or more | | Total No. of Courses Sections |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number | % of Total No. of Class/Sections | Number | % of Total No. of Class/Sections | Number | % of Total No. of Class/Sections | Number | % of Total No. of Class/Sections | Number | % of Total No. of Class/Sections | |
| University of Winnipeg | | | | | | | | | | | |
| Arts & Science | 101 | 16.7 | 157 | 24.0 | 234 | 36.0 | 128 | 20.0 | 23 | 4.0 | 643 |
| Education | 8 | 21.0 | 21 | 57.0 | 7 | 19.0 | 1 | 3.0 | - | - | 37 |
| Univ. Total | 109 | 16.0 | 178 | 26.2 | 241 | 35.4 | 129 | 19.0 | 23 | 3.4 | 680 |
| Brandon University | | | | | | | | | | | |
| Arts | 67 | 35.8 | 55 | 29.4 | 51 | 27.2 | 13 | 6.9 | 1 | 0.5 | 187 |
| Science | 62 | 29.2 | 52 | 24.5 | 53 | 25.0 | 32 | 15.0 | 13 | 6.1 | 212 |
| Education | 32 | 23.3 | 53 | 38.6 | 52 | 37.9 | - | - | - | - | 137 |
| Music | 96 | 61.9 | 28 | 18.0 | 29 | 18.7 | 2 | 1.2 | - | - | 155 |
| Univ. Total | 257 | 37.1 | 188 | 27.1 | 185 | 26.7 | 47 | 6.8 | 14 | 2.0 | 691 |
| St. Boniface College | | | | | | | | | | | |
| Arts | 28 | 51.9 | 14 | 25.9 | 11 | 20.4 | 1 | 1.9 | - | - | 54 |
| Science | 7 | 50.0 | 5 | 35.7 | 2 | 14.3 | - | - | - | - | 14 |
| Education | 15 | 50.0 | 6 | 20.0 | 7 | 23.3 | 2 | 6.7 | - | - | 30 |
| College Total | 50 | 51.0 | 25 | 25.5 | 20 | 20.4 | 3 | 3.0 | - | - | 98 |
| Grand Total - All Institutions | 970 | 22.7 | 933 | 21.9 | 1,498 | 35.1 | 661 | 15.5 | 204 | 4.8 | 4,266 |

# APPENDIX "D"

## Statistics on Degrees Granted

APPENDIX "D"

TABLE I

Graduates by Faculty 1980/81

| | Bachelors | Masters | Ph.D. | M.D./ D.D.M. | Certificate/ Diploma | Total |
|---|---|---|---|---|---|---|
| University of Manitoba* | | | | | | |
| Admin. Studies | 265 | 35 | - | - | 22 | 322 |
| Agriculture | 112 | 38 | 13 | - | 90 | 253 |
| Architecture | 97 | 54 | - | - | 1 | 152 |
| Fine Arts | 62 | - | - | - | 3 | 65 |
| Arts | 701 | 109 | 22 | - | - | 832 |
| Dental Hygiene | - | - | - | - | 25 | 25 |
| Dentistry | - | 3 | - | 33 | - | 36 |
| Education | 539 | 91 | 5 | - | 167 | 802 |
| Engineering | 243 | 26 | 8 | - | - | 277 |
| Home Economics | 65 | 11 | - | - | - | 76 |
| Law | 112 | - | - | - | - | 112 |
| Medical Rehab. | 73 | - | - | - | - | 73 |
| Medicine | 13 | 13 | 14 | 96 | 2 | 138 |
| Music | 18 | - | - | - | - | 18 |
| Nursing | 69 | - | - | - | - | 69 |
| Pharmacy | 51 | 2 | - | - | - | 53 |
| Physical Education | 91 | - | - | - | - | 91 |
| Public Affairs | - | 6 | - | - | - | 6 |
| Science | 289 | 56 | 12 | - | - | 357 |
| Social Work | 82 | 8 | - | - | - | 90 |
| Natural Resource Inst. | - | 12 | - | - | - | 12 |
| Sub-Total | 2,882 | 464 | 74 | 129 | 310 | 3,859 |
| University of Winnipeg | | | | | | |
| Arts | 562 | 1 | - | - | - | 563 |
| Science | 121 | - | - | - | - | 121 |
| Education | 120 | - | - | - | - | 120 |
| Public Affairs | - | 4 | - | - | - | 4 |
| Other | 1 | 4 | - | - | - | 5 |
| Sub-Total | 804 | 9 | - | - | - | 813 |
| Brandon University | | | | | | |
| Arts | 80 | - | - | - | - | 80 |
| Education | 160 | - | - | - | - | 160 |
| General Studies | 56 | - | - | - | - | 56 |
| Music | 13 | - | - | - | - | 13 |
| Science | 77 | - | - | - | - | 77 |
| Sub-Total | 386 | - | - | - | - | 386 |
| TOTAL | 4,072 | 473 | 74 | 129 | 310 | 5,058 |

*Includes St. Boniface College.

APPENDIX "D"

TABLE II

Graduates by Faculty 1981-82

| | Bachelors | Masters | Ph.D. | M.D./ D.D.M. | Certificate/ Diploma | Total |
|---|---|---|---|---|---|---|
| University of Manitoba* | | | | | | |
| Admin. Studies | 307 | 42 | - | - | 15 | 364 |
| Agriculture | 122 | 52 | 11 | - | 79 | 264 |
| Architecture | 120 | 46 | - | - | 1 | 167 |
| Arts | 612 | 94 | 20 | - | - | 726 |
| Dental Hygiene | - | - | - | - | 24 | 24 |
| Dentistry | - | 3 | - | 27 | 1 | 31 |
| Education | 334 | 75 | 2 | - | 181 | 592 |
| Engineering | 214 | 38 | 4 | - | - | 256 |
| Fine Arts | 45 | - | - | - | 3 | 48 |
| Human Ecology | 86 | 6 | 1 | - | - | 93 |
| Law | 114 | - | - | - | - | 114 |
| Medical Rehab. | 86 | - | - | - | - | 86 |
| Medicine | 15 | 19 | 4 | 97 | 2 | 137 |
| Music | 12 | - | - | - | - | 12 |
| Nursing | 63 | - | - | - | - | 63 |
| Pharmacy | 43 | 1 | - | - | - | 44 |
| Physical Education | 75 | 1 | - | - | - | 76 |
| Public Affairs | - | 9 | - | - | - | 9 |
| Science | 303 | 39 | 19 | - | - | 361 |
| Social Work | 73 | 7 | - | - | - | 80 |
| Natural Resource Inst. | - | 13 | - | - | - | 13 |
| Sub-Total | 2,624 | 445 | 61 | 124 | 306 | 3,560 |
| University of Winnipeg | | | | | | |
| Arts | 500 | 2 | - | - | - | 502 |
| Science | 108 | - | - | - | - | 108 |
| Education | 146 | - | - | - | - | 146 |
| Public Affairs | - | 5 | - | - | - | 5 |
| Other | - | 5 | - | - | - | 5 |
| Sub-Total | 754 | 12 | - | - | - | 766 |
| Brandon University | | | | | | |
| Arts | 62 | - | - | - | - | 62 |
| Education | 160 | - | - | - | - | 160 |
| General Studies | 48 | - | - | - | - | 48 |
| Music | 18 | - | - | - | - | 18 |
| Science | 50 | - | - | - | - | 50 |
| Sub-Total | 338 | - | - | - | - | 338 |
| TOTAL | 3,716 | 457 | 61 | 124 | 306 | 4,664 |

* Includes St. Boniface College.

APPENDIX "E"

ALLOCATION OF OPERATING AND CAPITAL

GRANTS FOR FISCAL YEAR 1981-82

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

Allocation of Operating and Capital Grants to Brandon University, the University of Manitoba, the University of Winnipeg and St. Boniface College for fiscal year 1981-82

## SUMMARY OF ALLOCATIONS

1. In fiscal year 1981-82, the Provincial Government is providing to the Universities Grants Commission a sum of $115,518,000 for the operating purposes of the universities and the Commission.

2. The Commission has allocated $307,000 for the support of Inter-Universities North and $390,800 for the operating purposes of the Commission.

3. During 1981-82, the Provincial Government will provide miscellaneous capital funds in the amount of $3,000,000 and major capital funds of $2,237,000 for a total of $5,237,000.

## OPERATING GRANTS 1981-82

| | | | | |
|---|---|---|---|---|
| A. | Amount Voted 1981-82 | | | $115,518,000 |
| B. | Operating and Administrative allocations | | | |
| | (1) Administrative Allocations: | | | |
| | Universities Grants Commission | | $ 390,800 | |
| | (2) Support Programs: | | | |
| | Inter-Universities North | $307,000 | | |
| | Computer Service Network | 152,000 | 459,000 | |
| C. | Debt retirement and interest payments | | 2,205,100 | 3,054,900 |
| | | | | $112,463,100 |
| | Transferred from surplus | | | 8,000 |
| | Total to be allocated as operating grants | | | $112,471,100 |

D. Allocation of Funds to Operating Purposes for 1981-82

| | First Claims | Operating Grants | Total 1981-82 | 1980-81 |
|---|---|---|---|---|
| University of Manitoba | $1,881,600 | $ 91,298,549 | $ 93,180,149 | $ 82,417,300 |
| University of Winnipeg | 40,000 | 11,669,900 | 11,709,900 | 10,066,400 |
| Brandon University | 283,500 | 7,725,853* | 8,009,353 | 7,081,600 |
| St. Boniface College | - | 1,776,798 | 1,776,798 | 1,565,000 |
| Total | $2,205,100 | $112,471,100 | $114,676,200 | $101,130,300 |

*$44,000 transferred from Computer Service Network to Brandon University

### Capital Grants

A. Miscellaneous Capital Grants

Miscellaneous Capital grants for 1981-82 are intended for the purchase of equipment and for renovations, alterations and repairs. Capital allocations are set forth in the following table.

## UNIVERSITIES GRANTS COMMISSION

## 1981-82 CAPITAL GRANTS

| | | Capital Carried Over from 1980-81 | New Capital 1981-82 | Total Capital Available in 1981-82 |
|---|---|---|---|---|
| **University of Manitoba** | | | | |
| M-44 | Tache Hall Renovations | $ 84,000.00 | | $ 84,000.00 |
| 1981-82 | Dentistry Alterations | | $ 340,000 | 340,000.00 |
| 1981-82 | Pathology Building Alterations | | 247,000 | 247,000.00 |
| 1981-82 | 5th Floor Engineering Building | | 500,000 | 500,000.00 |
| 1981-82 | Frank Kennedy Building Repairs | | 150,000 | 150,000.00 |
| 1979-80 | Supplementary Miscellaneous Capital | 232,886.60 | | 232,886.60 |
| 1981-82 | Miscellaneous Capital | | 2,166,001 | 2,166,001.00 |
| | | $316,886.60 | $3,403,001 | $3,719,887.60 |
| **University of Winnipeg** | | | | |
| 1979-80 | Supplementary Miscellaneous Capital | $ 401.00 | | $ 401.00 |
| 1980-81 | Miscellaneous Capital | 9,332.87 | | 9,332.87 |
| 1981-82 | Miscellaneous Capital | | $ 500,636 | 500,636.00 |
| | | $ 9,733.87 | $ 500,636 | $ 510,369.87 |
| **Brandon University** | | | | |
| 1979-80 | Supplementary Miscellaneous Capital | $ 1,005.00 | $ | $ 1,005.00 |
| 1981-82 | Miscellaneous Capital | | 281,097 | 281,097.00 |
| 1981-82 | Addition to Music Building | | 1,000,000 | 1,000,000.00 |
| | | $ 1,005.00 | $1,281,097 | $1,282,102.00 |
| **St. Boniface College** | | | | |
| 1979-80 | Supplementary Miscellaneous Capital | $ 4,066.98 | | $ 4,066.98 |
| 1980-81 | Miscellaneous Capital | 1,974.71 | | 1,974.71 |
| 1981-82 | Miscellaneous Capital | | $ 52,266 | 52,266.00 |
| | | $ 6,041.69 | $ 52,266 | $ 58,307.69 |
| TOTAL COMMITTED CAPITAL | | $333,667.16 | $5,237,000 | $5,570,667.16 |

# APPENDIX "F"

# ALLOCATION OF OPERATING AND CAPITAL GRANTS FOR FISCAL YEAR 1982-83

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

Allocation of Operating and Capital Grants to Brandon University, the University of Manitoba, the University of Winnipeg and St. Boniface College for fiscal year 1982-83

## SUMMARY OF ALLOCATIONS

1. In fiscal year 1982-83, the Provincial Government is providing to the Universities Grants Commission a sum of $133,592,365 for the operating purposes of the universities and the Commission.

2. The Commission has allocated $359,781 for the support of Inter-Universities North and $356,565 for the operating purposes of the Commission.

3. During 1982-83, the Provincial Government will provide miscellaneous capital funds in the amount of $5,000,000 and major capital funds of $2,600,000 for a total of $7,600,000.

## OPERATING GRANTS 1982-83

| | | | | |
|---|---|---|---|---|
| A. | Amount Voted 1982-83 | | | $133,592,365 |
| B. | Operating and Administrative allocations | | | |
| | (1) Administrative Allocations: | | | |
| | Universities Grants Commission | | $ 356,565 | |
| | (2) Support Programs: | | | |
| | Inter-Universities North | $359,781 | | |
| | Computer Service Network | 239,112 | 598,893 | |
| C. | Debt retirement and interest payments | | 2,204,100 | 3,159,558 |
| | Total to be allocated as operating grants | | | $130,432,807 |

D. Allocation of Funds to Operating Purposes for 1982-83

| | First Claims | (1) Tuition | Operating | New Programs | Total 1982-83 | Total 1981-82 |
|---|---|---|---|---|---|---|
| University of Manitoba | 1,880,600 | 1,211,700 | 104,013,537 | 500,000 | 107,605,837 | 93,180,149 |
| University of Winnipeg | 40,000 | 274,652 | 13,294,350 | 123,900 | 13,732,902 | 11,709,900 |
| Brandon University | 283,500 | 113,092 | 8,801,292 | 50,000 | 9,247,884 | 8,009,353 |
| St. Boniface College | - | 16,156 | 2,024,128 | 10,000 | 2,050,284 | 1,776,798 |
| | 2,204,100 | 1,615,600 | 128,133,307 | 683,900 | 132,636,907 | 114,676,200 |

(1) Assumed distribution of Tuition Fees based on estimated Tuition Fees at March 31, 1982 and their proration to the total Tuition Fees.

### Capital Grants

A. Miscellaneous Capital Grants

Miscellaneous Capital grants for 1982-83 are intended for the purchase of equipment and for renovations, alterations and repairs. Capital allocations are set forth in the following table.

UNIVERSITIES GRANTS COMMISSION

1982-83 CAPITAL GRANTS

| | Capital Carried Over from 1981-82 | New Capital 1982-83 | Total Capital Available in 1982-83 |
|---|---|---|---|
| **University of Manitoba** | | | |
| 1981-82 Miscellaneous Capital | $321,666.01 | | $ 321,666.01 |
| 1982-83 Miscellaneous Capital | | $3,920,640.00 | 3,920,640.00 |
| M-49 Frank Kennedy Bldg. | 1,536.00 | | 1,536.00 |
| M-50 Faculty of Dentistry | 98,566.68 | | 98,566.68 |
| M-52 Faculty of Engineering | 500,000.00 | | 500,000.00 |
| M-53 Earth Science Building | | 250,000.00 | 250,000.00 |
| | $921,768.69 | $4,170,640.00 | $5,092,408.69 |
| **University of Winnipeg** | | | |
| 1981-82 Miscellaneous Capital | $ 30,543.22 | | $ 30,543.22 |
| 1982-83 Miscellaneous Capital | | $ 588,480.00 | 588,480.00 |
| W82-FH Field House | | 2,300,000.00 | 2,300,000.00 |
| | $ 30,543.22 | $2,888,480.00 | $2,919,023.22 |
| **Brandon University** | | | |
| Planning Study | | $ 50,000.00 | $ 50,000.00 |
| 1982-83 Miscellaneous Capital | | 240,000.00 | 240,000.00 |
| | $ - | $ 290,000.00 | $ 290,000.00 |
| **St. Boniface College** | | | |
| 1981-82 Miscellaneous Capital | $ 7,062.72 | | $ 7,062.72 |
| 1982-83 Miscellaneous Capital | | $ 50,880.00 | 50,880.00 |
| | $ 7,062.72 | $ 50,880.00 | $ 57,942.72 |
| Unallocated Emergency Funds | | $ 200,000.00 | $ 200,000.00 |
| TOTAL COMMITTED CAPITAL | $959,374.63 | $7,600,000.00 | $8,559,374.63 |

APPENDIX "G"

Audited Balance Sheet and Audited Statement
of Operating Revenues and Expenditures of
the Universities Grants Commission
as at March 31, 1982

## THE UNIVERSITIES GRANTS COMMISSION

## AUDITOR'S REPORT

I report that the financial statements of The Universities Grants Commission have been examined under my direction for the fiscal year ended March 31, 1982. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, the financial statements, being Exhibits A to C, and Schedule 1, together with the notes thereto, present fairly the financial position of The Universities Grants Commission as at March 31, 1982 and the results of its operations for the year then ended in accordance with the accounting policies stated in Note 1 to the financial statements applied on a basis consistent with that of the preceding year.

W. K. Ziprick, C.A.,
Provincial Auditor.

July 30, 1982,
Winnipeg, Manitoba.

## THE UNIVERSITIES GRANTS COMMISSION

Balance Sheet
as at March 31, 1982
(with 1981 figures for comparison)

| | 1982 | 1981 |
|---|---|---|
| **ASSETS** | | |
| Cash on hand and in bank | $ 395,147 | $ 104,829 |
| Cash in transit from the Minister of Finance | 1,140,352 | 825,816 |
| Funds with the Minister of Finance | - | 435,989 |
| Amount recoverable from the Province of Manitoba | 4,799 | 6,058 |
| Due from Winnipeg School Division | 171 | - |
| | $1,540,469 | $1,372,692 |
| **LIABILITIES** | | |
| Accounts payable: | | |
| Grants | $ 180,178 | $ 803,265 |
| Other | 3,448 | 381 |
| | 183,626 | 803,646 |
| Funds held in trust re: University of Manitoba, Tache Hall renovations (Note 2) | - | 84,000 |
| The Universities Grants Fund (Note 1) (Exhibit C): | 1,356,843 | 485,046 |
| | $1,540,469 | $1,372,692 |

## THE UNIVERSITIES GRANTS COMMISSION

### Statement of Operating Revenues and Expenditures for the year ended March 31, 1982 (with 1981 figures for comparison)

| | 1982 | 1981 |
|---|---|---|
| **Revenues:** | | |
| Province of Manitoba grants: | | |
| Revenue appropriation: | | |
| Department of Education | $119,818,280 | $102,980,716 |
| Special grants: | | |
| Department of Education for the Commission's operations | 58,050 | 35,960 |
| Interest income | 49,062 | 141,669 |
| Total revenues | 119,925,392 | 103,158,345 |
| Special program (Note 2) | 84,000 | 936,000 |
| | $120,009,392 | $104,094,345 |
| **Expenditures:** | | |
| Operating and capital grants (Note 1): | | |
| The University of Manitoba | $ 95,894,268 | $ 85,685,021 |
| The University of Winnipeg | 12,189,326 | 10,585,483 |
| Brandon University | 8,354,737 | 7,311,736 |
| St. Boniface College | 1,828,009 | 1,742,592 |
| | 118,266,340 | 105,324,832 |
| Support programs: | | |
| Computer Network | 195,015 | 191,889 |
| Inter-Universities program in Northern Manitoba | 307,000 | 270,000 |
| | 502,015 | 461,889 |
| Administrative and other, Schedule 1 | 285,240 | 280,421 |
| Total expenditures | 119,053,595 | 106,067,142 |
| Special program (Note 2) | 84,000 | 936,000 |
| | $119,137,595 | $107,003,142 |
| Excess (deficiency) of revenues over expenditures, Exhibit C | $ 871,797 | $ (2,908,797) |

## THE UNIVERSITIES GRANTS COMMISSION

### Statement of the Universities Grants Fund for the year ended March 31, 1982 (with 1981 figures for comparison)

| | 1982 | 1981 |
|---|---|---|
| Balance, beginning of year | $ 485,046 | $3,393,843 |
| Excess (deficiency) of revenue over expenditure, Exhibit B | 871,797 | (2,908,797) |
| Balance, end of year, Exhibit A | $1,356,843 | $ 485,946 |
| Particulars of Fund balance: | | |
| Committed for: | | |
| Miscellaneous Capital: | | |
| University of Manitoba | $ 321,666 | $ 232,886 |
| University of Winnipeg | 30,543 | 9,734 |
| Brandon University | - | 1,005 |
| St. Boniface College | 7,063 | 6,042 |
| | 359,272 | 249,667 |
| Specific capital projects - University of Manitoba | 600,103 | - |
| Uncommitted: | | |
| Capital | 8,232 | 8,232 |
| Operating | 389,236 | 227,147 |
| | 397,468 | 235,379 |
| | $1,356,843 | $ 485,046 |

## THE UNIVERSITIES GRANTS COMMISSION

### Notes to Financial Statements for the year ended March 31, 1982

1. Accounting Policies

The Universities Grants Commission's annual financial statements are prepared using the accrual basis of accounting except for interest on cash balances, expenditures on leasehold improvements and equipment purchases, and pension payments. Interest on cash balances is taken into account in the year that it is received. Leasehold improvements and equipment purchases are charged to expenditures in the year of acquisition. Pension payments are charged to expenditures as the payments are made under the provisions of the Manitoba Civil Service Superannuation Act.

Operating and capital grants to the Universities reflect expenditures to the Universities for their annual operations and approved capital projects. Annual operating grants are paid on a scheduled basis to meet the Universities' operating requirements; capital grants are paid after expenditures have been incurred and claimed. Approved capital grants which are unclaimed as of a certain date of each year are reflected as commitments of the Commission in the Universities Grants Fund as indicated in Exhibit "C".

In accordance with the provisions of the Manitoba Civil Service Superannuation Act, the Commission contributes 50% of the pension payments made to retired employees. A provision is not made in the accounts to fund current or past service obligations of the Commission to the Civil Service Superannuation Fund. On the basis of an actuarial report, the unfunded liability for the Commission's employees amounted to $118,906 as at December 31, 1981.

2. Special Program

The Province of Manitoba issued debentures in the amount of $5,240,000 for the purpose of funding major renovations to Tache Hall at the University of Manitoba. The Universities Grants Commission acts as a fiscal agent by disbursing the funds to the University of Manitoba as expenditures are incurred. The amount of $5,156,000 was received and disbursed at March 31, 1981. The balance of $84,000 was disbursed during 1981-82.

## THE UNIVERSITIES GRANTS COMMISSION

### Schedule of Administrative and Other Expenditures for the year ended March 31, 1982 (with 1981 figures for comparison)

| | 1982 | 1981 |
|---|---|---|
| Automobile and travelling | $ 8,644 | $ 6,153 |
| Professional fees | 13,116 | 6,474 |
| Furniture and equipment | 4,561 | 1,079 |
| Office rentals, power and janitorial services | 30,253 | 24,787 |
| Post-Secondary Demand Study | 1,093 | 1,200 |
| Postage and telephone | 3,817 | 3,508 |
| Printing and stationery supplies | 6,536 | 3,806 |
| Remuneration of Commission members | 14,190 | 11,104 |
| Salaries and employee benefits | 199,732 | 219,949 |
| Subscriptions | 991 | 765 |
| Sundry | 2,307 | 1,596 |
| Total Administrative and other Expenditures, Exhibit B | $285,240 | $280,421 |